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Ames Forestry Club

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# AMES FORESTER

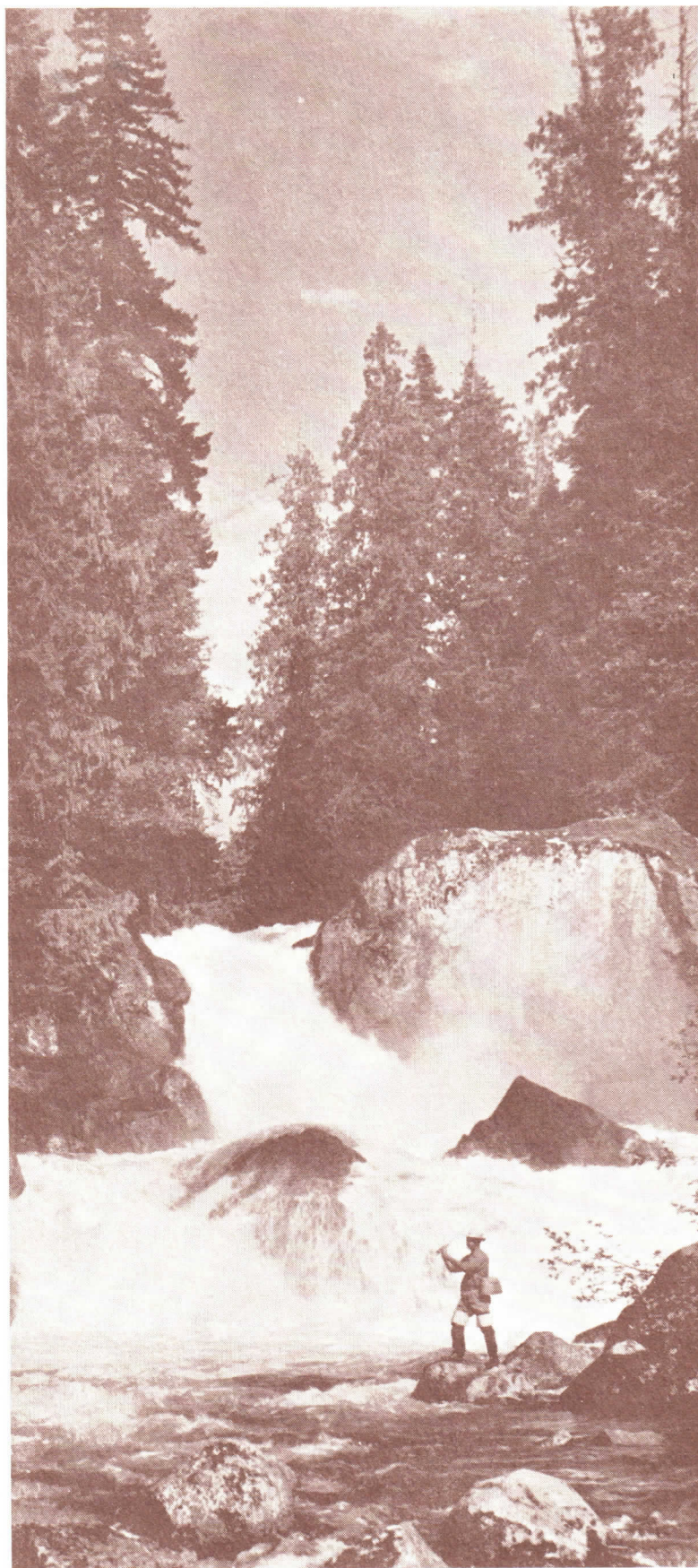
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IOWA STATE 1970

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## LET'S TAKE A HARD LOOK AT PRODUCTIVE FOREST LANDS

The professional forester in the next few decades will not have an easy job. Right now, America has only 508 million acres of productive timberland left. The number of useful forest acres is not increasing, but the number of people making demands upon these acres is. More people want the opportunity to enjoy nature—to picnic in a quiet grove—to ski, sightsee, camp, hike, hunt and fish. And each year our society takes more land for city expansion, airports, super highways, power lines, reservoirs, housing, schools and shopping centers. Yet more people need the products these limited timberlands provide. More and better homes, thousands of other wooden products, paper products and chemicals. The same land must also provide grazing for cattle and sheep to feed and clothe America; watershed control, and still replenish itself on a sustained yield basis.

It is unreasonable to permit a small emotional segment of the population to lock up timberlands in endless wilderness parks limited to a single use. The answer lies in establishing a working balance of commercial and recreational needs — a multiple use of the forest.

Tomorrow's professional forester will have the responsibility of making unpopular decisions and will need skill and courage to carry them out. It won't be an easy job. But then, nothing that is reasonable and far reaching is ever easy.

At Georgia-Pacific, we have done a lot about multiple use of our timberlands. **If you would like an opportunity to evaluate our ideas for yourself, please write to the Public Relations Department, Georgia-Pacific Corporation, P.O. Box 311, Portland, Oregon 97207.**



*The*

AMES

FORESTER

**1970**  
VOLUME 57



PUBLISHED BY  
FORESTRY CLUB

IOWA STATE UNIVERSITY

AMES, IOWA

## FOREWORD

The growth of forestry in the "home state" should be of interest to both alumni and students. From the Forestry Department the paths lead in many directions. In our diversified profession, graduates find challenge, satisfaction, and a continuation of the learning process. To closer ties among students, faculty, and alumni, the cause of forestry in Iowa, and the success of the individual forester, the members of the 1970 staff have pledged their efforts.



## ACKNOWLEDGEMENTS

The Ames Forester is grateful to all those who have helped make this publication possible. We deeply appreciate the financial support of our patrons and advertisers. The help and advice of Dr. Dean Prestemon, our faculty advisor, and Mr. Robert Schwartz of the Iowa State University Press were invaluable. We are further indebted to the faculty members, students, and other individuals who offered help and suggestions.



## THE COVER

The staff is grateful to Sally Hopkins of the University of Iowa for her work in developing the cover.



## Photo Credits

Staff, Faculty, and Students

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# THE PROFESSIONAL CODE OF ETHICS<sup>1</sup>

A. E. PATTERSON<sup>2</sup>

Effects are the results of conduct. Such conduct may be good or bad, and canons of ethics are the outgrowth of practices, both good and bad. No society is perfect; therefore friction, which is frequently the sign of unethical conduct, exists in all society. From period to period, and from place to place, certain standards of conduct have been listed as acceptable, and others nonacceptable. These standards have not necessarily been the same in different places at the same time, nor at different times in the same place. Seldom among society as a whole have these accepted standards of conduct been written in the form of law, or for that matter written at all. Most are impressed upon the individual before maturity by parents, or associates, or are learned, belatedly, while the results of nonadherence are being endured.

Many of these standards of conduct have preceded the legislative laws later developed to restrict the minority who refuse to abide by the concepts of the majority. Some supersede and are even more strict than the law; and some, as with most professional canons of ethics, set forth those practices which, although not illegal, do not further the wellbeing of the individual, his professional group, or society in general.

Professional canons of ethics are not designed merely to protect the professional worker, or to promote the interest of the profession itself, although these two objectives are frequently found to a greater or lesser degree in practically all such codes. The foremost objective of the professional code of ethics is to further the interests of the public which it serves. It is based, therefore, largely on altruism and a sense of service, rather than egoism.

This attitude certainly does a profession no harm. When advertised in a dignified manner, before the public, it attracts respect for the profession and its individual members. When the general public realizes that the members of the profession are required, not by legislative law, but by their own group action to protect the public interest, a faith in the ability of the individuals and in the work which they perform is generated.

Such is the nature and purpose of most professional codes of ethics. The profession of forestry, however, has an even greater responsibility and opportunity than some other professions. Practitioners in most professions deal with the individual or with small groups of individuals, and their decisions or the results of their decisions are usually of interest only to the individual or a closely related group. Directly, this may also be true of the professional forester, but it is also true that the decisions of the forester will many times affect the well-being of generations yet to come. Thus, no profession has greater need for the guiding principles of altruism than forestry.

Members of several professions, including some members of the profession of forestry, contend that a written code of ethics

is unnecessary; that an unwritten code, based on an intensive "esprit de corps" and the supposition that all members of the profession are gentlemen and will conduct themselves both in business and pleasure as such, is enough. In a numerically small, compact profession this line of reasoning is good and frequently workable. In a profession with thousands of members of varied employment and many interests, it is mere wishful thinking.

The written code has proved itself superior in other learned professions; the profession of forestry is no exception. A code reduced to the written form clarifies the thinking of the group, and in itself serves to bind the group more closely together.

In all professions the ideal is service to mankind rather than monetary gain. Whenever a profession accepts a code of ethics it is a declaration to society of this ideal, and to a certain extent enlists the aid of society in the furthering of the ideal. Thus, good relations with the public are established, and public confidence in the profession is strengthened.

No individual member of a profession can live in a world alone. Just as his training and professional knowledge are based on the experience, research, and thinking of those who have preceded him in the profession, his present and future gains must come through a continuous exchange of information with his colleagues. Although he may make some progress without this exchange, it will be slow and halting. Those who have passed their knowledge on to him in the past have given to him not only a means of service and livelihood, but also a staggering responsibility. This knowledge must be put to its best use, and he must consider it his private responsibility that it is used fairly, and only for the purpose for which it was intended.

Thus, in accepting a code of ethics the individual agrees to discipline himself according to the dictates of the code; and in return he is favored with protection from the egoistic and selfish motives of fellow workers. In addition, he receives the confidence of the public, who may not know him personally, but who know the moral obligations of the profession. This public confidence can only be maintained by the individual, by a show of both technical and moral competence in all instances.

In many ways the forester is similar to other professional workers. In a few ways, especially in relation to his work, he is decidedly different. Most foresters, even at an early stage of their career, work alone under a heavy load of responsibility. Their every action may potentially involve large sums of money, or the safety and welfare of present or future populations. Instant decisions are often necessary both in times of stress and in everyday work. In such moments, the forester must rely upon his technical training, his former experience, and his moral judgment. The last of these is seldom the least. Foresters are not exempt from human weaknesses or temptation, and unless they are guided by a code of ethics they may unwittingly make the wrong decision. The code must always be foremost in the mind of the forester, and his every action and decision should be tested within its crucible.

<sup>1</sup> An adaptation from A Syllabus on Professional Ethics, A. E. Patterson. Society of American Foresters; Washington, D.C.; 1949.

<sup>2</sup> Professor of Forestry, School of Forestry, University of Georgia; Athens, Georgia.

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# THE FORESTER AND PEOPLE

By GIL H. STADT

*Graduate Student, SFA State University, Texas*

More than ever before there is urgent need for foresters to place more importance and stress on the understanding, working with, and serving people. Managed forest land has the capability of producing many uses and benefits directly related to the social welfare and economy of our country. Does public realize this importance? Is there a public awareness of the complexities facing the forester today? If these and similar questions arouse interest or even curiosity, a proper foundation has been laid to proceed with the subject. Along the way concern for man and his environment should not be overlooked, or in other words the balance between people and the natural resources. Any trend away from a reasonable balance between these two material things should be eyed with caution.

Two impulses prompted the discussion in this paper. First, for some time it has been recognized that foresters need to give more emphasis and thought concerning people. His ability to manipulate the vegetation must be applied on a much broader scope to include all of the environmental factors. The second impulse concerns the extent our foresters of tomorrow are motivated and guided in the overall task, which they will face as a practicing forester. It is recognized that dealing with people is complex, but the responsibility can not be ignored.

Most organizations—private and public—recognize that people management involves internal and external relationships. Briefly, the internal phase refers to employer-employee management, while the external phase concerns the business-customer public and the general public. In many ways they are closely related, in that a forest land manager or a forester in a supervisory position to be successful in his relationship with the public must have the support and loyalty of all employees under his command. While these two phases are closely linked together, the external job will be emphasized in this discussion. More often this phase is termed, Public Relations or Public Affairs. Many organizations use the title, Information and Education, to identify this responsibility.

Many books and articles have been written on employer-employee relationships including subjects, such as motivation, getting along with people, decision making, mastering and guiding people, and a host of related subjects. Much of this material applies

to the overall management of people and suggested for required reading, but very little applies specifically to the forester and what he must do to carry out his important external relations job. In this respect, then, this message is a roundup of the subject based on personal observation, experience and training over the years. Some theory and opinion creeps into a subject of this nature, but an effort has been made to accentuate the reality.

Also, this paper could very well refer to professionals in general and not be limited to the forester. While all professionals and individuals in responsible positions are involved in the public job, the forester has been singled out, particularly if he is assigned in any way with the administration and management of forest lands. Many employments involve consultant services, technical assistance and research to assist and guide the forest land owner; the public responsibility would not be as critical and intensive as with the owner or manager of forest land.

The public forest land manager would be more vulnerable from the standpoint of public reaction than the comparable industry or private manager. This comparison stems from the fact that the public forester, being paid from public funds, has an assignment to satisfy the interests and uses of the general public, while the private forester has a more limited audience. In the private assignment the public would consist of people within the counties, cities and communities in the vicinity of the forest land holdings, in addition to present and potential users and purchasers of products, either stumpage or manufactured products, available for public consumption. In recent years the public has shown more interest in private forest lands, particularly hunting and fishing, and the larger industrial owners are responding and cooperating to the extent practical and still accomplish the objectives of their corporation. Probably one of the greatest obstacles facing private enterprises in providing for the general public, either as a licensee or invitee, are the strict liabilities imposed on the owner by state statutes.

## Forestry Reaches New Heights

Forestry and the forestry profession had their start and rose to towering heights within this century—a relatively short period of 70 years. During



Gil Stradt is a graduate student at SFA State University, Texas, specializing in recreation, soil and water management and urban-rural affairs.

Stradt is a native of Iowa and, in 1934, graduated from Iowa State with B.S. degree in Forestry. He

began his career in the U.S. Forest Service in 1931 and retired after 35 years on June 31, 1967. He was assigned in various capacities in the States of California, Texas, Louisiana, Arkansas, Oklahoma, Florida, and as Assistant Chief, Division of LRWR&W, Southern Region 8. During the years, 1943-1946, he served with the armed forces, first as a non-commissioned officer in the Air Corps and then as a Unit Commander and Staff Officer with the Combat Engineers in the Pacific Theater. During the last ten years in the Forest Service he was assigned as Forest Supervisor of the Cherokee National Forest in Tennessee and last as Forest Supervisor of the National Forests in Georgia.

For the past three years he has been Chairman of the Outdoor Recreation Technical Committee Soil Conservation Society of America. He continues to be active in the Society of American Foresters, serving as Chairman of the Kentucky-Tennessee Section in 1964 and currently is a member of the Policy Committee, Texas Chapter, Gulf States Section. In addition, he is a member of the American Park and Recreation Society.

this span of years and much of the precededent progress and scientific development occurred in the last half of the period we have witnessed other tremendous strides to maintain our country in strength and and prosperity among the nations of the earth. It would take volumes to inumerate all of the events. A few of the more applicable significant and pertinent highlights are cited. Communications developed from the telegraph-telephone era to the radio and television enjoyed by millions today. Transportation evolved from the pioneer horse and buggy days to boats, railroads, automobiles, airplanes and finally space travel. Two major wars were fought, along with serious international clashes, and in addition a great depression stopped the wheels of progress. These disasters, although impeding orderly progress, had a tremendous impact in technical and sicientific creativity and development leading to the present levels. Differences of races and the well known generation gap became realistic and continue as serious problems facing the nation today.

Forestry participated in this progress and in a shorter period of time has achieved fantastic results Foresters shared and in many cases participated in the scientific development of communication, transportation and other major achievements to develop the profession from a period of little or no protection and management of forest lands to a high degree of administration and management, which is evidenced on public and industrial forest lands today. Although much of the forestry job continues to be an art, it is approaching a fuller scientific profession, particularly after forest research and professional experience paved the way in developing new uses for wood, soil

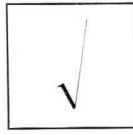
and water management, and of greater importance the application of genetics in the field of forestry. Academic progress in forestry has been noteworthy and in most unversities and colleges a strenous effort is made to gear the instruction to the needs and situations of modern times.

### The Changing Public

In this changing world it becomes more and more difficult to reach people than ever before. Increasing urban populations, less people engaged in the productivity of the soil and its resources, and the machine and space age are with us. All of these realities become important factors in attempts to reach people. Today's theme is man and his environment. Pressure to arouse the public has been launched and in the years to come the environmental factors will occupy not only the attention of our country, but other countries as well. Already suggested remedies and solutions are well beyond the financial ability of any country. However, all these recent developments point to the need for analyzing social and environmental aspects and how forestry has participated, together with the additional role present and potential forestry programs that can fit into the overall pattern as it exists today. With the average citizen facing the hard facts in a fast moving national and international scene, not to overlook the new space horizons, there is a strong tendancy for interests to lag when it comes to value and importance of the land and resources to maintain a strong economy and country.

In many respects we live in a world of specialists and organizations. This came about slowly, but today

*(Continued on Page 35)*



# If Trees Could Vote

By ATHELSTAN SPILHAUS

*THE AUTHOR is president, The Franklin Institute, Philadelphia. This was the keynote address, Annual Meeting of the SAF, Philadelphia, Pa., presented Sept. 30, 1968*

If trees could vote, every good forester could be elected President. But what about people?

In all the problems of man in relation to his environment we recognize that the ultimate solution is an acceptable way of limiting the total population on earth. In the meantime, however, each of us in his sphere must strive by his skills to bring man into harmony with his environment.

Developers of sprawling city complexes have committed tree murder, it is true. But when will the foresters come out of their forests and work in and near the cities, where the people are, to take trees to the city? Conversely, foresters who now recognize the multiple uses of land must look forward to the time when concentrated optimum size cities—not too big and not too small—will be placed in the forest lands, in the wildernesses where people can live in harmony with nature, yet enjoy the society and stimulation of fellow humans.

Foresters, it seems, must broaden their outlook and concern themselves with total environmental quality. It is the same problem of coordination that we have in the transportation business. In 1910 the railroaders made the mistake of confining themselves to the railroad business. Had they conceived they were in the transportation business at that time we might have far better coordinated transportation today.

Just being near a tree or seeing it is uplifting and lends a sense of human dignity. Can you imagine a riot in a forest? All animals live in a precarious, delicate balance with all green plants that provide photosynthesis. Perhaps like biological rhythms that we carry from evolutionary dependence on the rhythms of moon, tide, and sun, we have an innate recognition of our dependence on green plants which makes us love them.

A tree grows in Brooklyn, you remember, yet now with 50 percent of our population living on one percent of the land, more and more people are seeing fewer and fewer trees. This does not mean that foresters are not expertly growing enough trees for the wood that we need, but trees are not being grown where *people* are, for the woods that *they* need.

It is not sufficient for foresters and silviculturists to breed a few trees that are resistant to the pollution

of the city. They must identify themselves with other scientists and engineers and take part in the total ecological battle, and as man is the chief enemy of trees this necessarily involves carrying the battle to where man is. To breed a tree that is resistant to pollution is a temporary expedient and in the long run as wrong an approach as those who say that people will adapt themselves to the filth, noise, and other degradations of some city areas.

In attacking the pollution problem, we now know that we must strive to control it at its source, and that the ultimate cure of pollution is to reuse what we now call wastes.

Recently, agricultural scientists have found that they can feed cattle on cellulose, with no protein in it, by the addition of urea and vitamins. The future vista must be a pleasant one to foresters. We can dream of a factory where old newspapers go in one end and meat and steaks come out the other.

Should not foresters cooperate with this kind of scientist?

Is there not a relationship between the sturdiness and economical entropy relationships of mixed woods and thickets that grow in difficult lands such as the tropics, and mixtures that could bring greenery to city dwellers? Is there not too much emphasis on manicured parks and not enough on the natural beauty of a thicket.

Tropical agronomists are now turning to husbanding the wild ruminants of the tropics as a way of gathering the mixed plant food there—the mixture which grows best in those regions where there is very little humus.

## Trees to Combat Pollution

It seems to me that foresters could bring a wealth of help and experience to city planners to show how trees may clean the air, to talk about thickets versus manicured parks, to apply their attention to little bits of green scattered everywhere versus big bits of green with nobody or few people in them. Even to the value of marshes and meadows versus lawns.

To prevent the murder of trees and preserve the ration of man to green land.

Cities by their very existence change their own



climates. Air conditioners pump heat out of buildings and dump it in the streets, raising already high summer temperatures. Trees in the city not only can reduce these high temperatures by providing bigger radiating surfaces, but can ameliorate city climate in both summer and winter. From a temperature point of view, one can compute what the ratio of green land per capita in a city should be to keep the temperature rise to any accepted level. The same trees would go far toward reducing the excessive noise in cities which a Harvard physician has reported now sometimes exceeds the allowable levels in factories.

The same trees in cities will screen out dust.

Think of this great sprawling megalopolis stretching from Boston to Washington, the city now called Bosnywash. Let us accept the fact that every city needs natural space around it for people's recreation and that this recreation of people during their lives is as important to their living as their shelter and the food they eat. In this context, the green spaces in northern New England, the Adirondacks, and Appalachia, are wonderful areas, as are the sea, the bays, the seashore and the estuaries on the eastern side.

There is much talk of industrializing Appalachia. It seems to me that Appalachia is one of the most pollution prone areas in the United States—stagnant anti-cyclones frequently hang over it, and that is why the terpenes created the smokies long before man introduced his own pollutants. It seems, therefore, that the industry for Appalachia that would re-create its beauties and serve people most would be the industry of recreation. Foresters are a key in pushing this plan.

Foresters can show how forests can both be used for the wood people need, and for the woods they love.

### The Experimental City

On the other hand, while we all recognize what needs to be done immediately for the existing cities, we must look to the future, and in this connection I have suggested the building of experimental cities that might be dispersed all over the face of our beautiful land. These cities would be controlled in size so that the land around them would be preserved, conserved, and reserved against further building. Modern technology in these experimental cities of the future would control waste at the source, control noise, and have no vehicles at ground level where people's feet tread. All services, emergency vehicles, noxious gases, and waste heat would be handled in a substructure below ground level. Noiseless, modern mass transit would be above ground level so that even in the intense living city there would be a whole carpet area at ground level where people could walk among green things.

With this kind of a city, there would be no need for zoning; homes, schools, and factories could all be

close together because of the absence of the filthy pollutants and noise which now cause us to adopt the practice of zoning which in essence represents the failure of the existing cities. With pollution controlled at the source, waste heat carried out to processing plants outside the city, and the multiple reuse of water, this would be a clean city which could stand in the middle of a productive forest. It is with this kind of cities built from scratch that we can disperse our people and restore the harmony in the relationship of people and green things.

To preserve the total quality of the natural environment, we must think of pollution in a broad sense. Pollution would then embrace all the ills of a city. Using *disease* as an antonym for *ease*, R. K. Cannan has spoken of a different kind of disease from environmental pollution. In this context, "disease" embraces the psychological insult to psychological insult to aesthetic sensitivity that even a perfectly sanitized junkyard presents. Filthy environments may make us mentally ill before they make us physically sick.

### Distributing Our Population

People concentrate in cities to escape the rigors of climate and to maximize social, business, and cultural contacts with others with a minimum of travel. But when cities grow too large, the urban climate deteriorates to such an extent that people flee. Like the nomadic peoples of primitive times who moved with the seasons, they travel far to live in the uneasy compromise of suburbia. In the summer, the power stations of the cities exude waste heat, the buildings prevent breezes from carrying off fumes and heat, and air conditioning pumps heat from the buildings to the streets to aggravate the situation further.

If the 100 million people that represent half the population of the United States today lived in the same high density as they do now, but were dispersed in 800 smaller concentrations of 250,000 apiece, many of the ills of present overgrown cities would not exist. We need urban *dispersal* as well as urban renewal.

It has been said that the last frontiers of green wooded vistas are in isolated and inaccessible areas. This need not be if we distribute our cities and control their size because today no area on earth is inaccessible. This is going to happen—and foresters should not stand by and deplore, but should take part, give of their knowledge and wisdom so that what may come about is best for people and trees.

We could then have cities where trees and people grow together. In such a city, built from scratch, it is not out of the question to have reused water, carrying nutrients in suitable underground pipes to automatically supply the needs of the trees. In this, foresters must work with engineers, with lawyers, with

(Continued on Page 38)

# Timber Quality Evaluation—Its Complexities and Use

By E. H. CLARKE

Much has been written recently about the projected demand-supply imbalance for wood in the years ahead. Louder voices and greater pressures are being heard and felt for action to intensify timber management and harvest from a shrinking land base to meet urgent needs of a rapidly growing population. Foresters confront a monumental task in attempting to meet that demand for consumable forest products, especially in light of the intensifying competition for less tangible forest values.

Increasing pressure on the better quality timber is at the heart of the supply problem. A careful look at the quality of the existing timber resource base provides a reference point for a look ahead. Currently, our commercial forest lands are producing about 12 billion cubic feet of wood annually. By the year 2000, or sooner, the annual demand could double. A portion of our timber inventory is presently unsuitable for profitable utilization and cannot contribute to the supply perhaps for several decades. The millions of acres with large volumes of medium- and low-quality timber can better contribute if diligent attention is paid to utilizing it for its highest value use. This will require intensive study and research.

In the past, foresters too often have equated the quality of timber solely with stocking levels, species composition, and volume per acre. Timber intensively managed under these guides will not automatically yield the maximum of high-quality and high-value products. The wood may be so poor in intrinsic quality, due to low specific gravity, uneven growth or occurrence of aberrant wood, that it is unfit for any use in solid form. It will warp, shrink unevenly or excessively, machine poorly, or have low strength. It may not serve well either for use as pulp or other fiber products. Thus, the existence of trees of a given kind and size does not necessarily guarantee that an adequate base for a wood-using industry is present.

My aim here is to plead the case for recognizing and evaluating quality of standing timber as a useful tool in many forestry operations. Such evaluation provides the management link between the raw material and processing and is a basic consideration in all forestry operations concerned with timber production. In the short run, today's forest stands have to support today's industries and we should be greatly concerned with timber production. In the short run, today's forest stands have to support today's industries and we should be greatly concerned with evalu-

ating the quality of the timber as we find it and to allocate it wisely. In the long run, it is imperative, in meeting the projected demand, that growers produce timber with characteristics commensurate with the needs of the marketplace and that processors utilize it to its highest value use.

The concept of quality has the appearance of simplicity, whereas it is extremely deceptive. "Quality" means different things to different groups, and to different individuals within groups. To the land manager, quality has usually meant thrifty growth. To the log scaler, it means volume of usable material. The pulpwood buyer may look for high density as an indication of maximum pulp yields. Even when it is further described, such as, product-quality, wood-quality, or in this case, timber-quality, it still is difficult to focus on all of its aspects. In spite of the ambiguous semantics of the word "quality," the need for devices to recognize and evaluate the quality of standing timber is one of the more important needs of both producers and processors.

Timber quality in the broad sense is concerned simultaneously with kind, size, and physical perfection of trees and with their relative conversion value in terms of yield of end-products in demand. These two aspects—physical and economic—are inseparable.

The current approach to recognize and evaluating commercial-size timber quality is to devise rating or grading systems, for important species or species groups, based upon how well logs or trees meet the specifications of major products or use classes. In this context, grading is an attempt to classify their value for specific uses through observations of external macroscopic characteristics. It is not feasible to determine the absolute value of an individual log or tree; such a precise system would be too complex for practical application. The aim should be to devise easy-to-use grading systems that will stratify timber into relative value groups within suitable limits of accuracy for the group as a whole.

Detailed grade-yield studies are made on one or more samples of the population. These studies must be made in "above-average efficiency" producing mills. Data obtained under conditions unattainable in commercial practice may have limited utility, while data from studies made under poor or slipshod milling practices will not contribute to the objective of correlating surface characteristics to yields. The

About the author—

Mr. Clarke graduated from Iowa State with a B.S. in forest management in 1942. He went on to get his M.S. in products from New York State University. He has worked in Madison, Wisconsin in the Materials Container Division of the Forest Prod-

ucts Laboratory. From Madison, Mr. Clarke went to Portland, Oregon where he worked with the Forest Utilization Service, Pacific Northwest Forest and Range Experiment Station. Mr. Clarke is currently in Washington, D.C., where he is a Principal Wood Technologist in the Forest Service.

work must be done under adequately controlled conditions, however, so that the resultant variation in product yield and quality can be identified—is it due to processing or is it biological.

After all data on the characteristics of each tree or log studied and the grade-yield recovery of products from each are available, the development of grading systems can begin. This is no easy task. Involved are several problems in estimation—and all the interrelated complexities that go with making a series of predictions, each dependent on the others. These include sources of variation, such as (1) range in kind of end-products, (2) range in volume of end-products, by product grade, and (3) range in product prices, by grade. Some, but not all, of the difficulty is due to a lack of applicable statistical theory. Much of it is lack of knowledge on the effect that the various timber characteristics have on utilization.

The principal macroscopic characteristics affecting the timber resource can be grouped generally as either volume-reducing or grade-reducing. These groups are interrelated and not nearly enough is known of their joint influence on utilization. The volume-reducing group is especially troublesome because some of our present units of measure and methods of determining net volume are woefully inadequate. They are outdated and badly in need of overhaul. For example, trees and logs are treated by units which supposedly yield one thousand board feet of lumber, regardless of intended use. Also, the pulp industry deals with volume scales of board feet, cords and cunits even though it sells on a basis of tons. The determination of net volume involves intended use because deductions due to volume-reducing defect depend upon the conversion process and the degree to which product specifications permit the presence of the defect. Qualitative information about trees and logs ideally could be part of the measuring system. Scaling techniques that are more independent of single products and less inflexible to changing conditions are needed.

There are equally pressing problems associated with the grade-reducing group of characteristics. Presently there is no distinct line between cull timber and merchantable timber; the demarkation is arbitrary and varies between geographic regions for the same end use. In some instances, after unusable material is removed in manufacture, there may be no serious blemishes in the remaining wood; it could be high-quality. On the other hand, full-scale logs or trees may be of marginal value because the grade-reducing defects cannot be eliminated economically in manufacture.

There is a third group of characteristics that fit into neither the volume-reducing nor grade-reducing category, but yet has an important effect on utilization. Among this group are bark thickness—important to the wood treating industry; and green weights of trees—important to the efficiency of balloon logging and other areal logging systems. There is a great need for much expanded knowledge on all the various timber characteristics and their qualitative and quantitative effect on utilization. Some of the leading species and most of the secondary species are inadequately characterized and this deficiency deters full use.

Any grading system is actually made up of many grades—a continuum. Most users believe that a practical working system, however, should contain not more than six grades nor less than three. Further, each system should be applicable for the species over its entire range. The performance of any one grade—that is, the predicted product yield and value recovery—may differ somewhat from one location to another. Such differences may be due to both regional and local physical differences of the timber or to methods of utilization. Differences in utilization will always have to be taken into account by developing different performance tables to go with the grading system. For example, a sawmill producing only studs will have a different grade recovery mix than one that produces the full range of lengths and widths; or a processor who does not have a chipper will develop more volume of low-grade lumber than one who does. Thus, each of these processors could develop performance tables for their private use with the grading system. These would differ from the average performance used by the researcher in developing the system and would be especially valuable for use in bidding on timber sales.

Other needs and uses for grading techniques to evaluate the quality of timber are legion. There are many kinds of quality judgments that must be made during the life of the stand and during the course of manufacture. Although no one system can serve all the needs, there is strong interest in the growing list of uses of timber quality rating systems. In national planning, for determining the future outlook or timber supplies, the concern mostly is with trends in the general physical attributes of the resource rather than projected product grade-yields. An indiscrete system employing quality factors can better serve in defining the direction and speed with which the quality trend is moving.

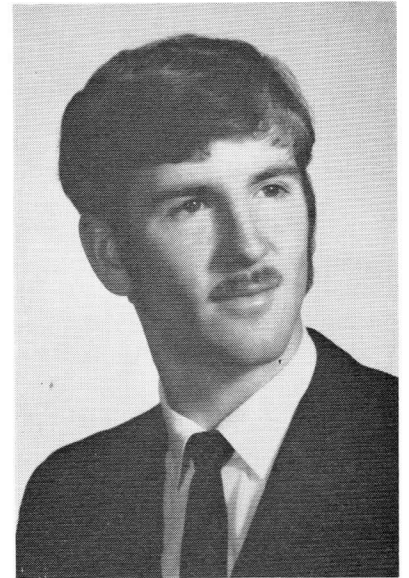
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# Seniors

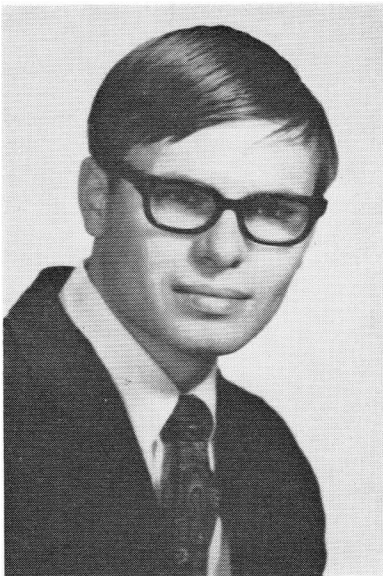
## DUANE BEDFORD

Management; Business minor. Duane went to the Montana summer camp in 1967 and since has worked one summer as a forestry aid for the Iowa Conservation Commission and one as an aid for the Feather River Lbr. Co., Loyalton, California. His college activities include Forestry Club, Senior Editor of '70 Ames Forester, and a member of SAF and AFA. Duane's hobbies are athletics, hunting, fishing, trapping, and photography. He hails from Harcourt, Iowa and plans to work with private industry after graduation this July.



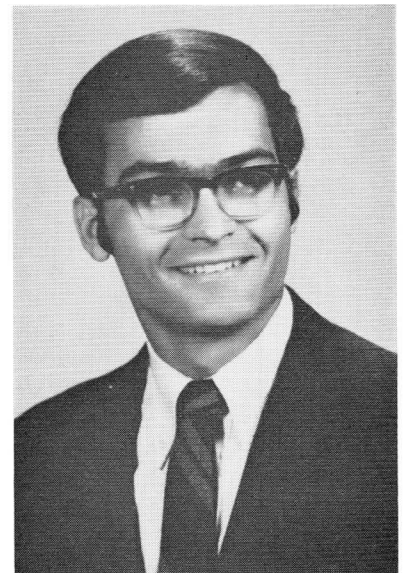
## RICHARD BLANSHAN

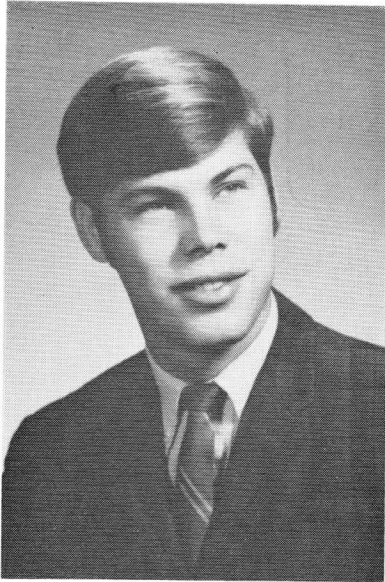
Forest Products; Wood Technology, minor. Dick attended summer camp at Missoula, Montana in 1967. Scranton, Iowa is his home town. Summer work for Dick has been at Roseburg Lumber Company, Roseburg, Oregon. His hobbies are hunting, fishing, swimming and skiing. After graduation this July, Dick plans to work in research and development.



## DAVID BRALEY

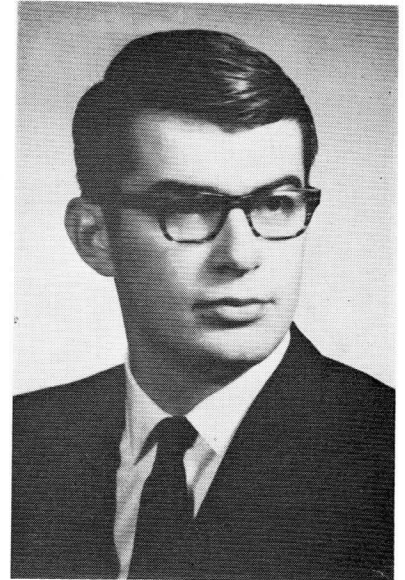
Dave, from New Lenox, Illinois, is in the management option with a minor in Forestry Business. He is a graduate of the 1968 summer camp at Wirt, Minnesota. He worked for the Forest Service in Washington and plans on graduate study at ISU. Dave has been active in Forestry Club as president and treasurer, has been secretary of McCowen House, and has served as head resident to Sage House. Dave is also a member of Xi Sigma Pi and Alpha Zeta.





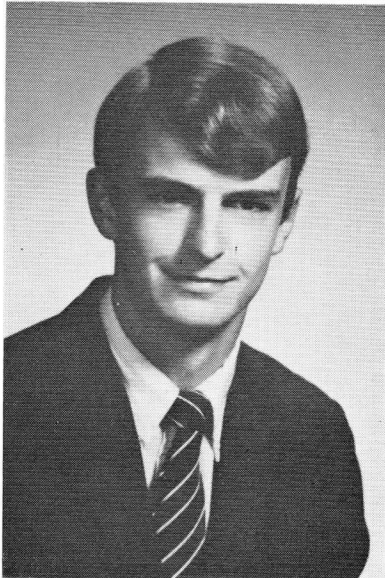
**TOM FARVER**

Management, Business. This Newton native attended summer camp in Montana in 1967 and will graduate in May. His summer work included work in the Okanogan N.F. in Washington, and with the N.E. Forest Experiment Station in Maine. His plans are to get married and return to Maine. Tom has been active in forestry club and was last year's Christmas tree chairman. He is also assistant forester of Xi Sigma Pi. Tom's hobbies are hunting and fishing.



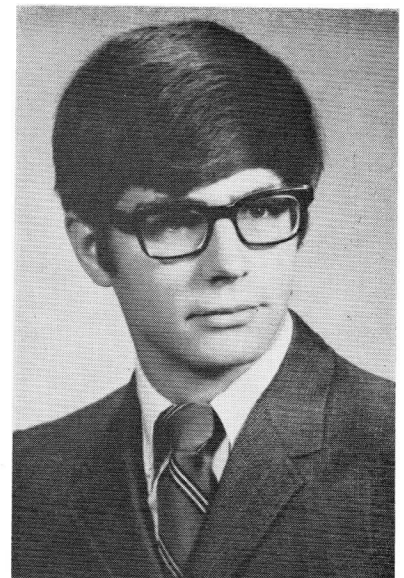
**DENNIS W. GRUNDEL**

Management, Multiple Use. Denny graduated in February and now is in training in the National Guard. He plans to work in forest management in the West or South. Denny worked for H. L. Munn Lumber Co. here in Ames. While in school, Denny was active in Forestry Club, Intramurals, and Xi Sigma Pi. His hobbies include golf, hunting, and fishing. He also has a wife, Marjorie.



**ARTHUR C. HENNY**

Products, Business Administration. Art is engaged and hails from Carlisle, Iowa. He attended summer camp at Wirt, Minnesota the summer of 1968. He worked one summer for the State of Minnesota Forest Service at Bagley, Minnesota, and worked one summer for Roseburg Lumber Company at Roseburg, Oregon. His favorite hobbies are furniture building and refinishing. After graduation next winter, Art plans on finding a job somewhere.

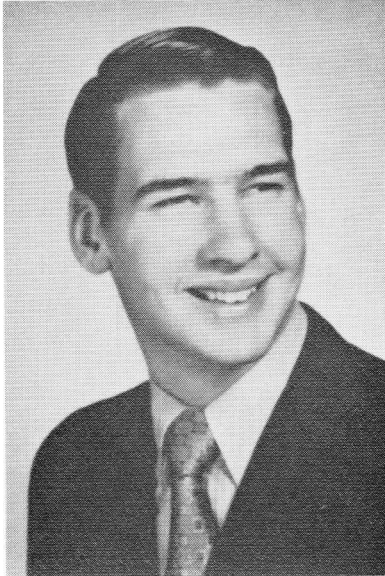
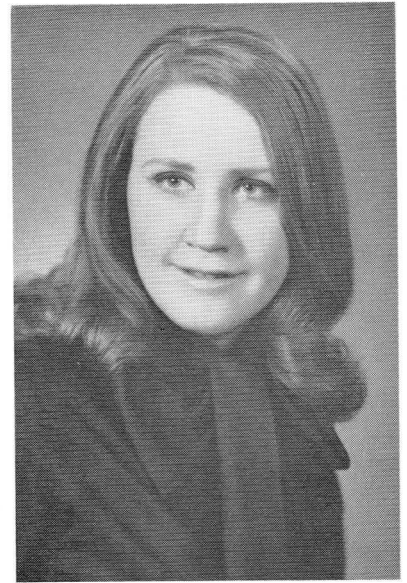


**J. GREG JONES**

Greg, from Early, Iowa, is a management major with a business minor. He attended the 1968 Minnesota summer camp and has also had experience in Region 2 working on timber inventory. He has also been active in MRA, being on the main cabinet one year. Also, Greg has participated in Xi Sigma Pi honorary and Forestry Club. After graduation in May, he expects to serve in the military.

#### CHERYL KIRKEGAARD

Management, Recreation. Cheryl is from Omaha, Nebraska and attended summer camp in Montana in 1967. She has had varied summer work experience; as a Forestry Aid in the Deschutes National Forest in 1968, and in 1969 worked on a special Forest Recreation research project in Spain. Her college activities include Kappa Alpha Theta sorority, Program Chairman for Student Project for Amity Amon Nations, Forestry Club vice-president and secretary, Xi Sigma Pi (Forestry Honorary), and Festival Chorus. She enjoys as hobbies water sports, photography and music. Cheryl will graduate this May.

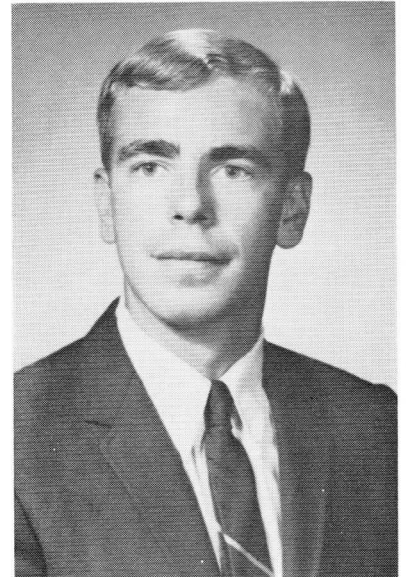


#### PAUL LINDUSKA

Products, Industrial Engineering. Paul attended the 1968 summer camp in Minnesota. He is from Jefferson and plans to work with Rock Island Millwork this summer. Paul then hopes to continue studies for his master's degree after he graduates in the fall. He has been active in Sigma Nu Fraternity and enjoys hunting, fishing, and sporting events.

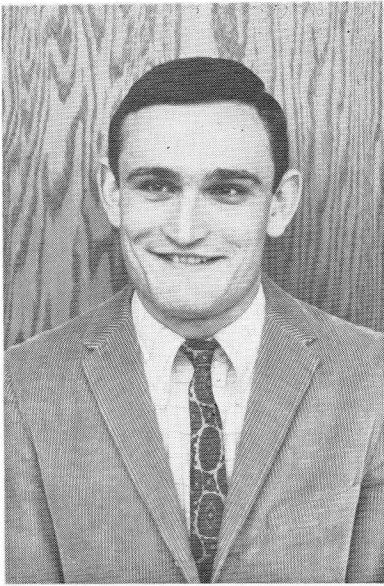
#### MICHAEL LUZA

Wood Utilization, Industrial Engineering. Mike is from Joliet, Ill., and attended summer camp in 1967 in Montana. In 1968 he worked for U.S. Plywood at the Algoma, Wisconsin plant. Mike will enter graduate school at Colorado State University in the fall of 1970. College activities have included Kappa Sigma Fraternity, Forestry Club secretary, Game Banquet master of ceremonies, and 1970 Ames Forester advertising manager. His hobbies include fishing, hiking, and sports of all kinds.



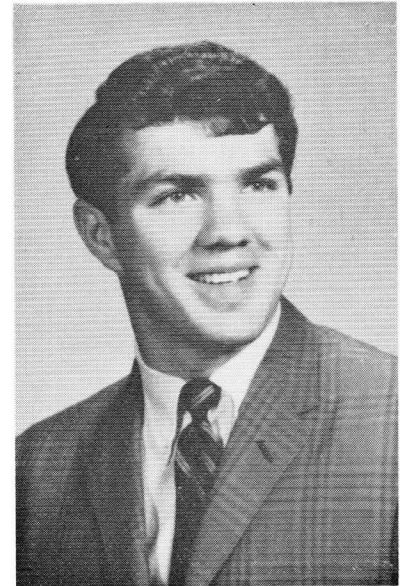
#### HAROLD McALPINE

Management, Wildlife. Harold is married and both he and his wife, Roberta come from Rowan, Iowa. He attended the Montana summer camp in 1967. He has worked for the Forest Service in Gardiner, Montana for two summers; in 1968 as a Look-out and in 1969, as a Prevention Aid. Harold has been active in Forestry Club and served as Game Banquet Chairman in 1970. He is a member of Xi Sigma Pi (Forestry Honorary), Gamma Sigma Delta, Phi Kappa Phi and the Society of American Foresters. His hobbies include hunting, fishing and trapping. After graduation in May, Harold hopes to work with the Forest Service or private industry.



#### STEVE MOTT

Management. Steve hails from Des Moines, Iowa and attended the 1967 Montana summer camp. He has worked as a Recreation Aid in Nevada during the summer of 1969. After graduation in May, Steve hopes to work with the Forest Service in Nevada.



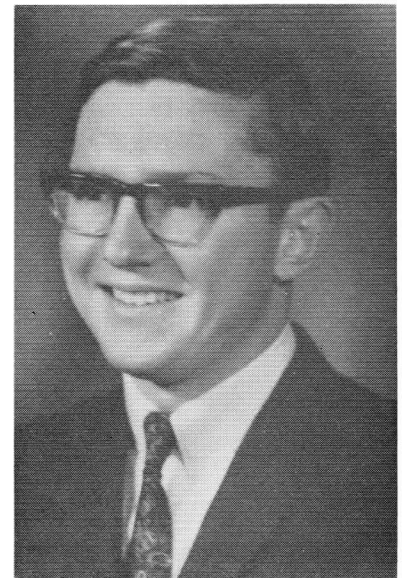
#### CRAIG NEPPL

Craig will graduate in May, 1970 in Management and has a Multiple-Use Forestry minor. He is from Estherville, Iowa and attended the 1969 Minnesota summer camp. His summer work experience was gained working as a nurseryman for the Estherville Greenhouse. He has served as vice-president of Forestry Club, Chairman of Fall Foresters Day and on the Ames Forester staff. Craig is a member of Gamma Sigma Delta (Agriculture Honorary), and Xi Sigma Pi (Forestry Honorary). He enjoys among his hobbies bass fishing, athletics, and trapping. After graduation he plans work with Osmose Wood Preserving Company as a field foreman.



#### DON NOBLE

Management, Industrial Administration. Don is from Bellevue, Nebraska. "Pierre" attended the Wirt, Minnesota summer camp in 1969. His activities include being both president and vice-president of Bergman House. After graduation in the fall of 1970, Don plans to work with the Forest Service or private industry.



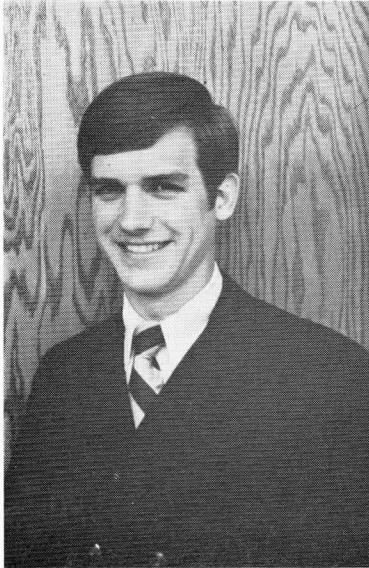
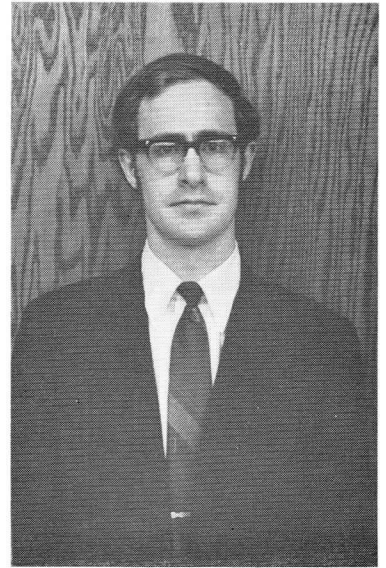
#### RON OLSON

Management, Soil Science. Ron is from West Allis, Wisconsin and attended summer camp in 1968 at Wirt, Minnesota. He has been a member of Forestry Club, Marching Band, Varsity Band, and Xi Sigma Pi honorary. Ron's hobbies include bicycling, fishing, and stamp collecting. His plans after graduation in February include work on timber or soils.



#### TODD PHILLIPE

Management, Recreation. Todd is from Creston, Iowa and attended summer camp in Montana in 1967. He has worked with the Forest Service on the St. Joe National Forest for the last three summers. Todd has served as President of Forestry Club, on the Environmental Teach-in steering committee, and on the Forestry Curriculum Committee. He is a member of Xi Sigma Pi (Forestry Honorary), the Society of American Foresters, Wilderness Society, Sierra Club, and the American Forestry Assoc. to name a few. His hobbies include canoeing and photography. After graduation in the fall, 1970, Todd plans graduate work in recreation management.

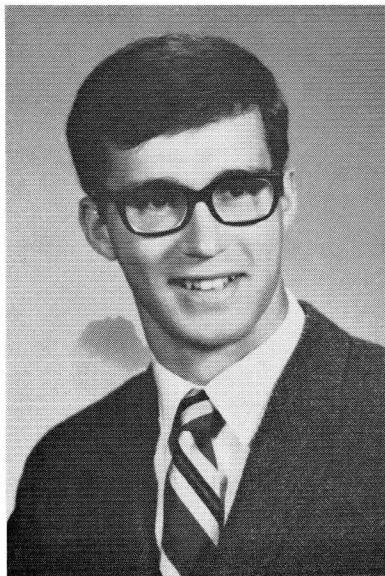
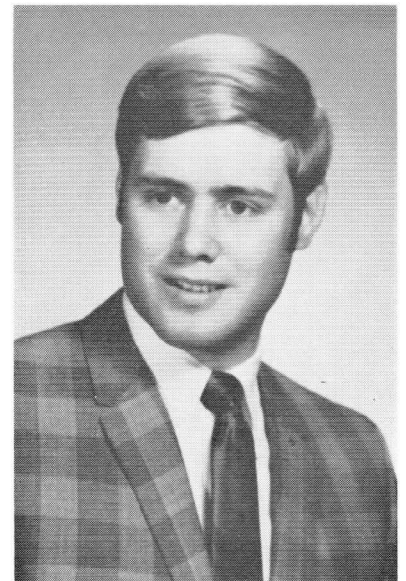


#### STEPHEN POPELKA

Management; Air Force ROTC. Steve hails from St. Paul, Minnesota and attended the 1967 summer camp at Missoula, Montana. During college he has been a member of Kappa Sigma Social Fraternity where he has been Pledge Trainer and President. He has also been Assistant Editor of the 1969 Ames Forester, Editor of the 1970 Ames Forester, and a member of Xi Sigma Pi. After graduating this summer, Steve plans to go into Air Force Navigator Training followed by graduate study in business. Steve's favorite hobbies are skiing and hunting.

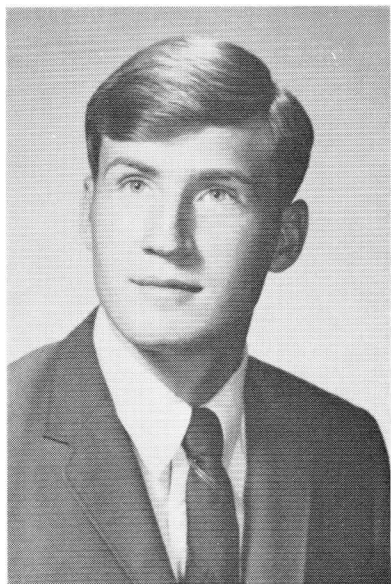
#### TOM RISDAL

Management. Tom is from Newton and will graduate in May. He attended summer camp in Montana during the summer of 1967. Tom has also worked in two national forests in the West, the Teton N.F. and the Okanogan N.F. This summer he plans to work in Maine. He was Chi Phi Fraternity president and forestry club secretary. Other interests include flying and water skiing.



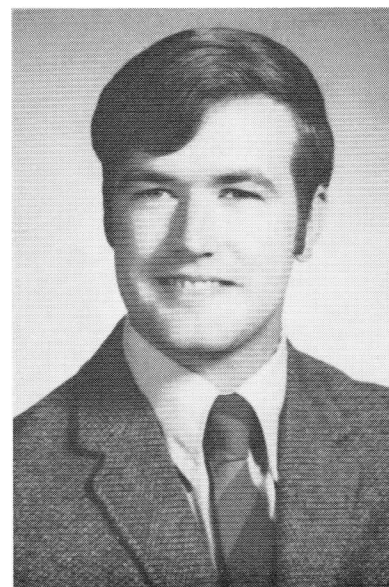
#### FRED SIMON, JR.

Products, Wood Science. Fred is from Riverside, Illinois and attended 1967 summer camp in Montana. Fred has worked for Masonite Corp. and plans to go into the service after graduation in May. He has been active in activities including: TRA government, vice-president of Errington House, ISU Marching Band, Phi Kappa Phi, Gamma Sigma Delta, Xi Sigma Pi, and Scabbard & Blade. He also has an interest in weightlifting.



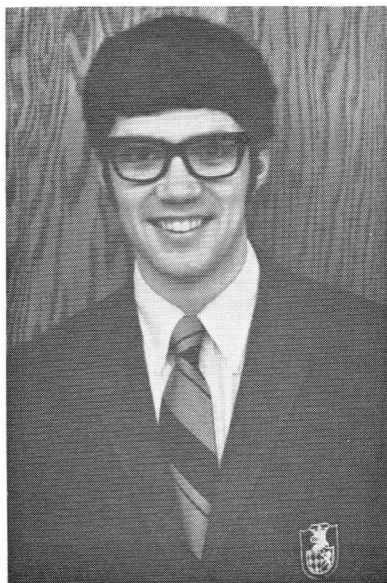
#### DAVID SKOOG

Management, Air Force ROTC. Dave is from Atlantic, Iowa and attended the 1967 summer camp in Montana. He has spent two summers with the Timber Survey Crew for Region 2, Colorado and has been active in Pershing Rifles, Forestry Club, and Kappa Sigma Social Fraternity. After graduation in February, 1971, Dave plans on a flying career with the Air Force. His hobbies include skiing and mountaineering.



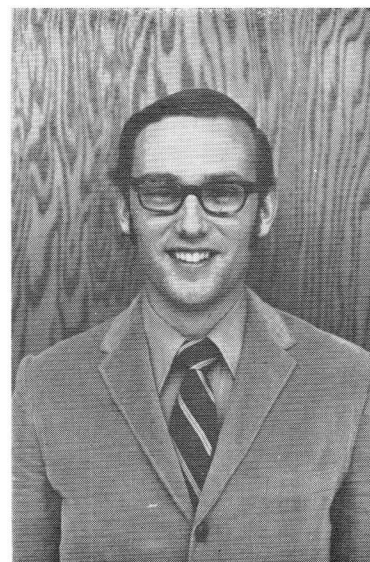
#### JIM SORENSON

Management, Range Management. Jim is married and comes from Lake City. He attended summer camp in Minnesota in 1968. Last summer, Jim worked in the ISU Horticulture Department. After graduation in May, Jim plans to work in Marshalltown for a year while his wife finishes nurses training. After that, Jim plans to get a job in the West. He has acted as an intramural official and also enjoys hunting, fishing, and reading.



#### RONALD TAYLOR

Management, Multiple Use. Ron is single and hails from Fort-Atkins, Iowa. He attended summer camp in 1967 at Montana. His work experience includes two summers with Weyerhaeuser at Klamath Falls, Oregon. College activities include Forestry Club member, Veishea display chairman, intramural sports, and is on his house's conduct committee. Ron also enjoys hunting, fishing, mountain-climbing, photography, chess, bowling, and pool. Ron's plans after graduation this May are to be a cheerful member of the military.

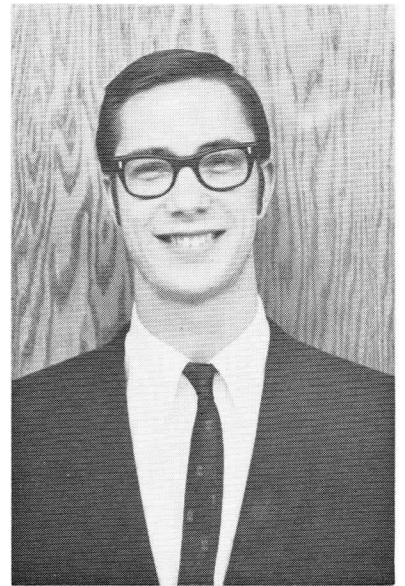
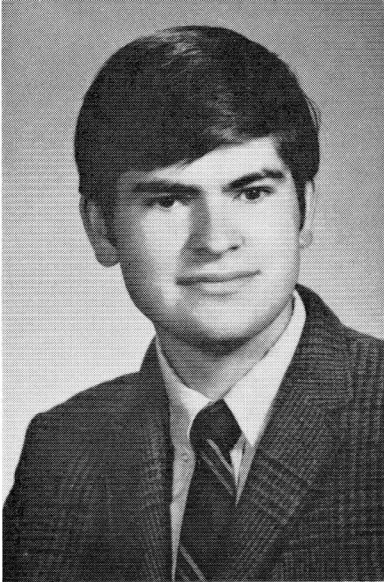


#### ALEX THOMPSON

Products, Industrial Engineering. Alex hails from Dubuque, Iowa, and attended summer camp in 1967 in Montana. He has worked for Rock Island Millwork and for the Forest Service on the St. Joe National Forest. After graduation Alex plans to attend graduate school in business. Throughout his college career he has been active with Campus Crusade for Christ.

#### PAUL THORP

Management, Multiple Use. Paul is a Sioux City native and will graduate in May. He attended summer camp in Montana in 1967. His summer work experience has included cruising on the Okanogan National Forest. After graduation Paul plans for induction into the military service. He has been active in Forestry Club and was president of Fairchild House in the Richardsen Court Association.

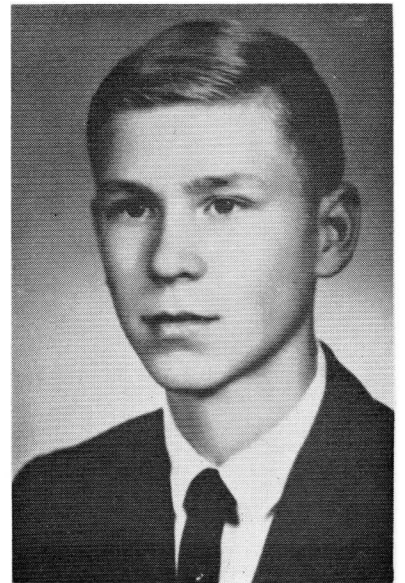


#### TIM TONE

Management; multiple use minor. Tim is from LeMars, Iowa and attended the 1968 summer camp at Wirt, Minnesota. He has served two summers with the Forest Service; one in 1967 as a forestry aid with Intermountain Forest and Range and one in 1969 as a research forester for the experimental station at Bozeman, Montana. Before he graduates next fall, he plans to work on timber survey at Mt. Hood National Forest, Portland, Oregon. Seeing the country is Tim's main hobby.

#### DOUG VALLEY

Management. Doug is married and will graduate this May. He hails from Cedar Rapids, Iowa. Doug's summer work includes two summers serving as a forestry aid with the Forest Service in Northern California and his future plans call for more work with the Forest Service. Summer camp for Doug was in 1967 at Missoula, Montana. His college activities included Forestry Club and his hobbies are hunting, fishing, trapping, and photography.



#### NORVELL D. BAKER

Management, Range Management. Norvell hails from San Diego, California and attended the 1965 summer camp at Montana. He worked as a fire control aid on the Arapaho National Forest in Colorado during 1967, and worked on CFI on the Malheur National Forest in Oregon during the summer of 1968. His hobbies include intramurals, bowling, hunting, fishing, baseball, and pool. After graduation in February, Norvell plans on getting a job with private industry or the Forest Service.



#### MICHAEL CLARK

Products, Timber Products Conversion. Mike is from Pisgah, Iowa and attended summer camp in Wirt, Minnesota. In 1968, Mike worked for the Department of Lands and Forestry in Bemidji, Minnesota and in 1969 he worked for Paine Lumber Company in Oshkosh, Wisconsin. College activities include Xi Sigma Pi, sports, foods, cars, and books. After graduation in May, Mike plans on working for the summer and then attending graduate school in the fall.

#### MERLE CONKIN

Management; business minor. Merle is married and attended the Montana summer camp in 1965. He has worked one summer for the Forest Service at Priest Lake, Idaho and one summer for the Plant Introduction Center at I.S.U. Merle calls State Center, Iowa home and sports are his hobby.

#### TERRY J. MARKS

Management, Agronomy. Terry is single and attended the 1968 summer camp at Wirt, Minnesota. His work experience includes working on the San Isabel National Forest in Leadville, Colorado. His favorite hobbies are sports and music. After graduation in February, Terry plans on working.

#### WALTER THROM

Management; Watershed minor. Walt is married and has a two-year-old daughter. He calls Muscatine, Iowa his hometown and he went to the Wirt, Minnesota summer camp last summer. This summer Walt will work for the Forest Service as a recreation aid and fire control aid in Montana and in September he will graduate. While in college, Walt co-founded and was the coach of the ISU Table Tennis Club. After graduation, Walt plans to work for the Forest Service in watershed management or wilderness management in the Rockies. His hobbies include table tennis, bicycling, and backpacking.



## Summer Camp

Anticipations rode with fifty young foresters as they descended on Wirt, Minnesota, the site of the 1969 summer camp. We had been informed of the fishing holes and other spots, so naturally everyone was keyed to find out just what Wirt had to offer.

The camp was an old civil engineering camp, often used as a winter home for mice, rats, porkies, red squirrels, and other denizens of the woods. Some of them shared the environment with us all summer, that is if the "killer" didn't stalk nearby with his bow and arrow, or "Bennie's" wolfhound didn't chase them off. They need not have worried since the arrows didn't fly true and the wolfhound was old and short of breath.

Camp soon introduced us to loading trucks with dry firewood, cranking up the washing machine, the early morning race to the shower before all the hot water was gone, Mrs. Caldwell's early morning humor, but also her understanding for the needs of a forester's stomach (peanut butter and jelly), the three wooden boats that took a couple layers of tar, and a bailing bucket before one could venture very far from shore, the art of digging and camouflaging bear traps, our "friend," at the Sure game resort, the local girls who became an enjoyable part of our weekend and even week days, and all the other adventures which will remain a part of each forester's reminiscing session in the future.

Our instructors taught us a lot. From Dr. Joe McBride's forest biology we learned the art of berry pickin' and skinnydipping. Joe was hard put after a while to find a beach that offered both fresh berries

and private swimming. From the West Virginian, Ed Grafton, we learned how to set up and pitch horseshoes. Most of us who pitched shoes concluded Ed was still his family's prize horseshoe pitcher, which he claimed he was. Mr. Victor Smith taught us how to cruise in and along those productive bogs of the Cutfoot Sioux. We seemed to spend most of our time hunting for lost personnel, Biltmore Sticks, and even chains. From our Camp Director, Dr. Dwight Benseid we learned what patience is. With such a rowdy bunch driving buses off the road, collecting F.S. signs, dinner bells and whatever else, it's an important virtue to possess.

All joking aside, the eight week summer camp was a rewarding and memorable experience for everyone. The staff did an outstanding job coordinating tours and classes, enabling us to see and visit the many forest and forest-related industries in Northern Minnesota.

A special thanks and best wishes to: our cook, Rachel Caldwell, whose bite wasn't near as bad as her bark, and the families of Mr. Smith, Dr. McBride and Dr. Benseid, who, in their own way, made camp a success.

When camp broke the last week in July we left behind another chapter in our lives, some I.S.U. good will (we hope), millions of hungry deer flies and the old buildings that had been our home.

May I extend our Good Luck! to the foresters who will head for the Catskill Mountains and the 1970 forestry camp.

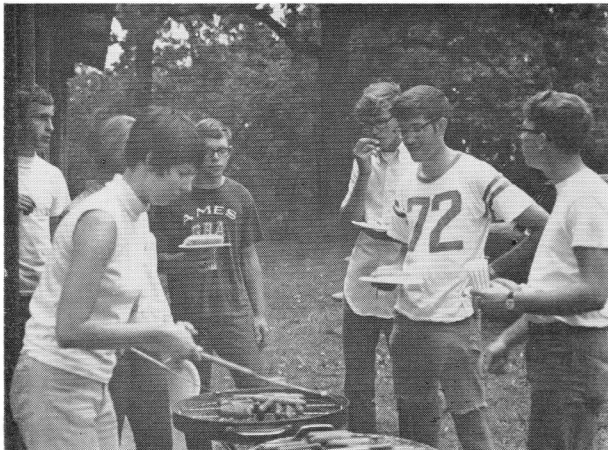
# ACTIVITIES



Bulls eye!!!!



My GIRDLE is killingme! !



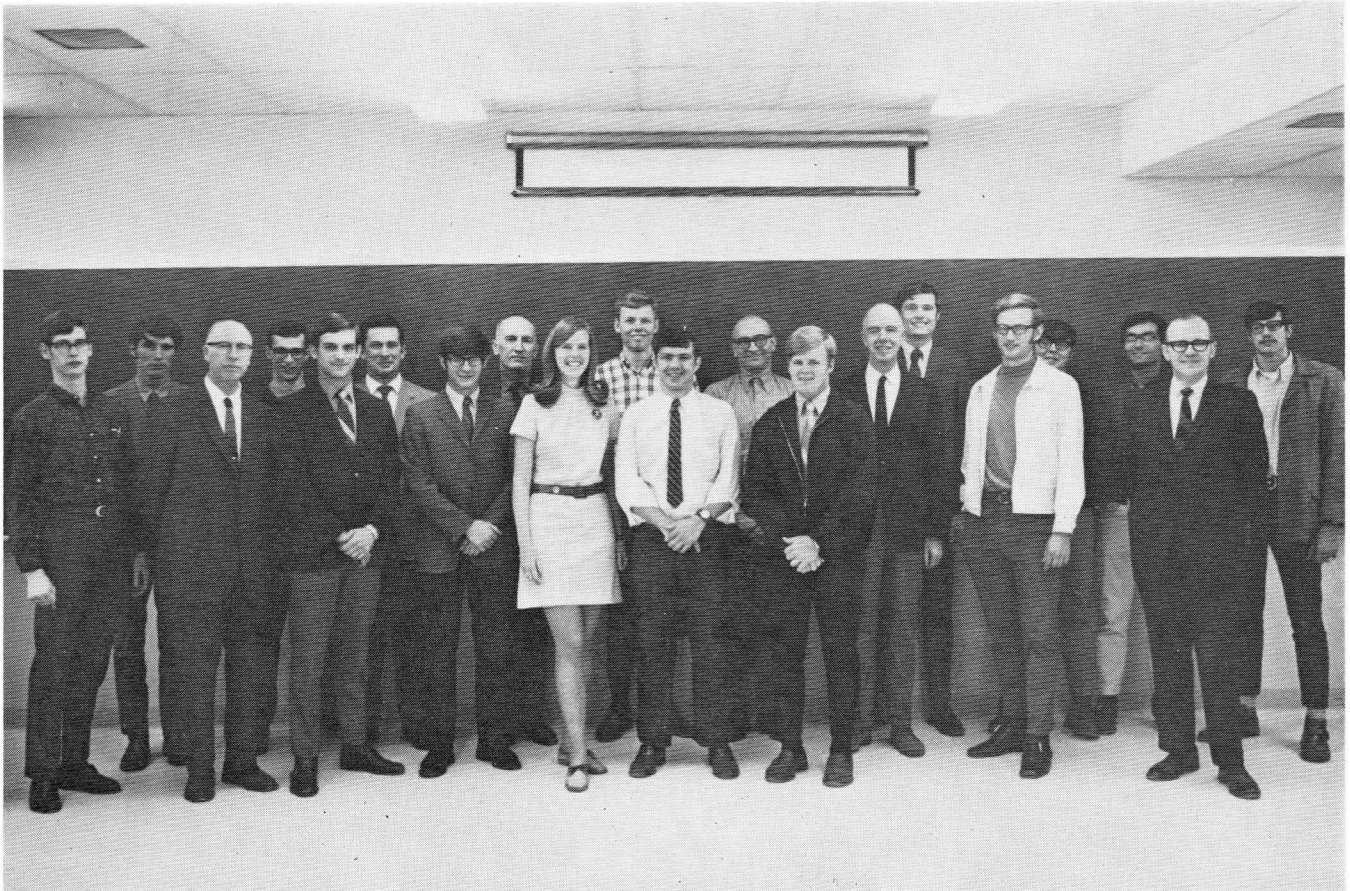
Anyone for tube steaks?



Hurry up and measure this damn tree before Dr. Thompson comes around.

# Xi Sigma Pi

## Forestry Honorary



Front Row—L. to R.—Doug Kirk, Doctor Bensend, Steve Popelka, Greg Jones, Karen Van Zante, Craig Neppl, Pat Reed, Doctor Hopkins, Alex Thompson, Doctor Webster. Back Row—L. to R.—Terry Sexton, Fred Simon, Harold McAlpine, Doctor Thomson, Mark Delfs, Doctor Meadows, Jim Swanson, Mike Clark, Dave Braley, Glen Ernst.

The Alpha Gamma Chapter of Xi Sigma Pi initiated 14 new members this year. Those initiated were: Glen Ernst, Timothy Dorr, Jeffrey Dawson, Karin Van Zante, James Swanson, Terry Sexton, Dennis Grundel, Patrick Reed, Ronald Olson, Michael Nutting, Craig Neppl, Gene Morden, Douglas Kirk, and Jerry Demarle. A panel discussion, "New Directions in Resource Management," which was sponsored jointly by Xi Sigma Pi and Forestry Club was successful and informative. Officers for this year were:

Forester	Harold McAlpine
Assistant Forester	Tom Farver
Ranger	Alex Thompson
Secretary-Fiscal Agent	Fred Simon



# Forestry Club

Forestry Club, like most other clubs in the College of Agriculture, experienced a decline in interest and activity during 1969-70. This could reflect general apathy, less concern with traditional club activities, or the bleak employment outlook facing many of us.

For the most part, this year's activity programs followed previous patterns.

Christmas tree sales were a resounding success, thanks to a fine turnout of active club members.

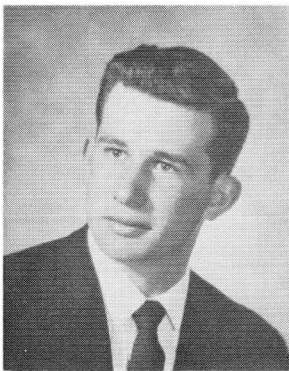
Forestry Club has long been an important link between students and faculty. During the fall and winter quarters, our four Faculty Firesides proved most valuable for those who participated.

Service projects during the year included a spring clean-up at the Izaak Walton Park. Our Veishea display, in the planning stage at this writing, is designed to give the general public a more realistic notion of what forestry is all about.

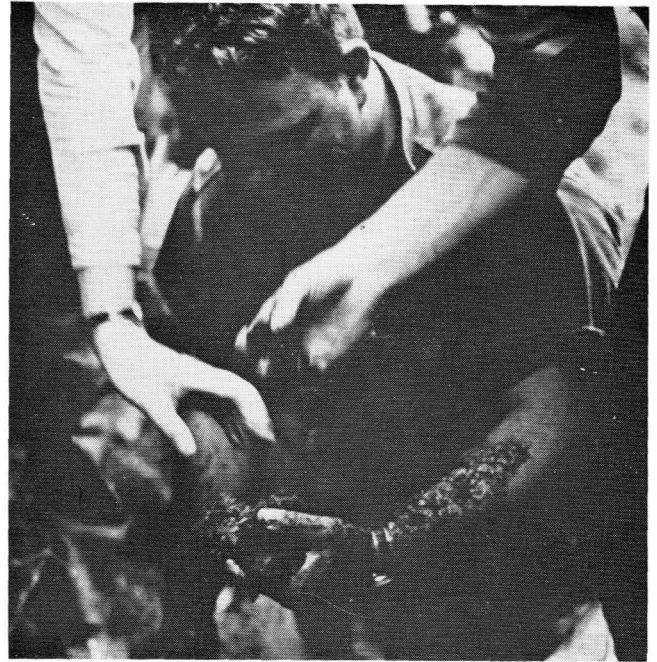
Our regular programs at club meetings took a progressive turn, involving several speakers from outside the confines of forestry. This is just one means of broadening our understanding of the forestry profession.

One of the most encouraging developments this year has been a growing concern with the elusive subject of politics. The current affairs committee has done a fine job of exposing us to several current issues that involve politics of one form or another. Despite these forward-looking trends, attendance at the meetings and participation in activities has been low. Offsetting this is the active involvement of several new students.

All in all, I think the interest and the commitment are present to build up our programs and make the club more responsive to student needs and interests in the future.



Harold McAlpine awarded the first annual Milton Cone Scholarship.



Stand back guys—There's enough pudding for all!!!

## Game Banquet

The game banquet was a big success, this year, despite the fact that it was postponed. Harold McAlpine was the chairman of the game banquet committee and handled the preparations very well. Dr. Robert Buckman, a special assistant to the Deputy Chief for Research, USFS, was the guest speaker and his talk was titled; "How is New Technology Changing Forestry Today."

The menu varied from the usual roast wild boar (ham) this year, and Harold provided pheasant with the help of other club members.

The first annual Milton Cone Scholarship was awarded to Harold McAlpine by the family of Milton Cone, a forestry graduate who was killed in action in Viet Nam. Craig Neppl and Dave Braley received memberships to the Society of American Foresters for their service to the department. It was also announced that Todd Phillipe would represent I.S.U. at a two-week forestry conference in British Columbia, Canada this summer. Due to lack of funds, there was no Iowa Hoo Hoo Club award this year.



L. to R.—Mark Delfs, Dave Braley, Gene Morden, Doug Kuehn.

## Forestry Club Officers

### 1969 Officers

Dave Braley . . . . .	<i>President</i> . . . . .	Todd Phillipe
Mark Relfs . . . . .	<i>Vice-President</i> . . . . .	Craig Neppl
Doug Kuehn . . . . .	<i>Secretary</i> . . . . .	Glen Ernst
Gene Morden . . . . .	<i>Treasurer</i> . . . . .	Gene Morden

### 1970 Officers

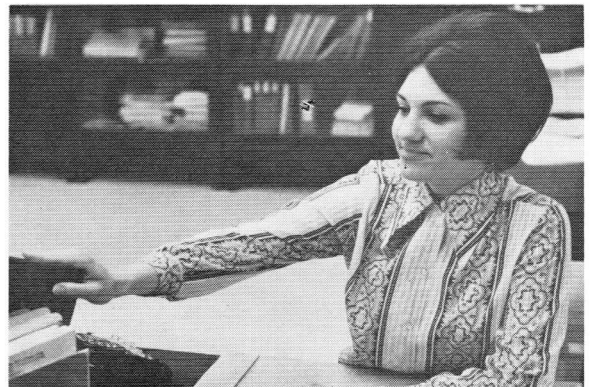


L. to R.—Glen Ernst, Craig Neppl, Gene Morden, Tod Phillipe.

# Departmental Secretaries



Kathy Fitzgerald



Chloris Hubby



Sharon Cole



Kristie Olson



Nora McKie



# FACULTY



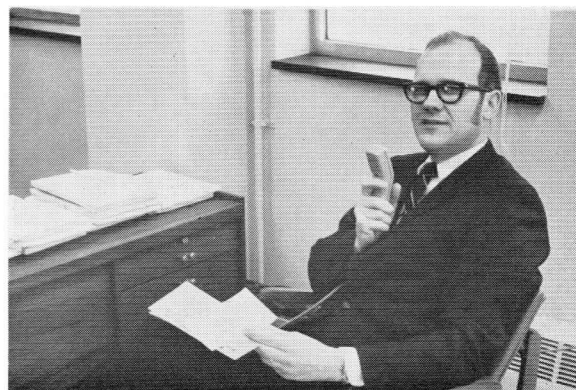


# Faculty

HENRY H. WEBSTER, PH.D.

*Head of Department*

Dr. Webster was appointed Head of the Forestry Department on June 1, 1967. He received his B.S. degree from the State University of New York, College of Forestry at Syracuse University. In 1956 he was awarded his M.F. degree and in 1960 his Ph.D. degree, both from the University of Michigan. From 1953 to 1963, Dr. Webster was employed as a Forest Economist with the Northeastern Forest Experimental Station, U.S. Forest Service. During 1962 he served as visiting lecturer at the University of Minnesota. He joined the faculty of the University of Wisconsin in 1963 and was appointed chairman of the Department of Forestry there in 1964. Dr. Webster is currently chairman of the Council of Forestry School Executives, Chairman of The Heads of Midwest Forestry Education and Research Programs, and Representative of The North Central Region in The Executive Committee of the Association of State College and University Forestry Research Organizations. He is also the author of more than 25 technical publications. Dr. Webster's interests include classical music and also public and political affairs related to resource, environmental, and economic issues.



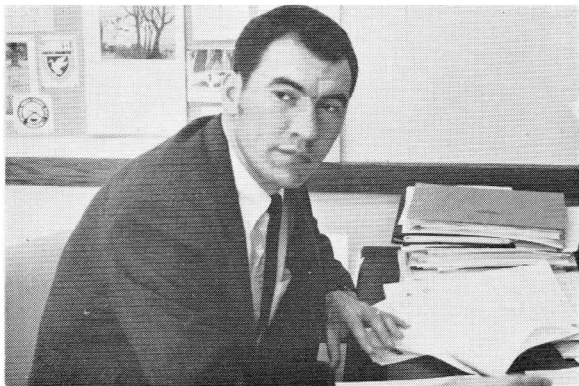
DEAN R. PRESTEMON, PH.D.

*Associate Professor in Forestry*

*Wood Technology II,*

*Advanced Topics in Wood Science*

This is Dr. Prestemon's fifth year in the Department of Forestry. His B.S., M.S., and Ph.D. degrees were obtained at Iowa State University, the University of Minnesota, and the University of California, respectively. About 50% of Dr. Prestemon's time is devoted to forest products research with primary emphasis on the use and marketing of wood in residential construction. The remainder of his time is spent in extension and resident teaching. Dr. Prestemon is actively involved in continuing education programs for home builders and lumber dealers.



VICTOR G. SMITH, M.SC.F.

*Instructor in Forestry*

*Introduction of Forestry, Forest Conservation, Forest Protection, Forest Mensuration*

After receiving his B.Sc.F. from the University of Toronto, Mr. Smith spent 14 years with forest engineering and production with pulpwood harvesting operations in northern Ontario. After receiving his M.Sc.F. from the University of Toronto in 1964, he taught at Michigan Tech. University. Mr. Smith is presently completing a Ph.D. program in Mensuration and Statistics. He belongs to several forestry organizations in Canada and has joined the Society of American Foresters since coming to the U.S.

KENNETH D. WARE, PH.D.

*Professor of Forestry*

*Forest Mensuration, Dynamics of Forest Stands, Forest Resource Surveys, Research Methods in Forestry, Advanced Forest Mensuration*

Dr. Ware, a member of the I.S.U. staff since 1961, has a B.S.F. from West Virginia University, and M.F. and Ph.D. degrees from Yale University.

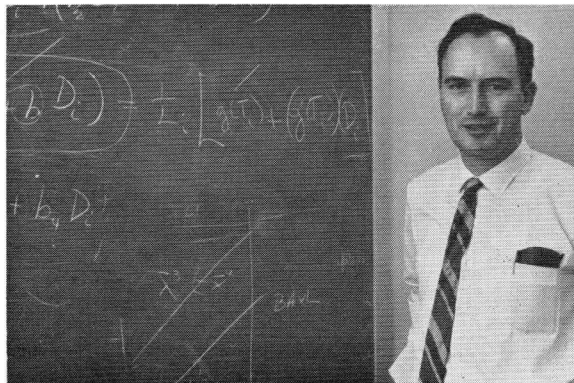
In addition to regular duties in teaching and research in forest mensuration at Iowa State this year, Dr. Ware was professionally active around the country.

He delivered a paper, "Forest Sampling in the Absence of a Well-Defined Frame," and participated in the International Symposium on Statistical Ecology at New Haven, Connecticut in August 1969. In September he conducted part of the Statistical Training Conference for U.S. Forest Service Researchers at the University of Georgia, Athens. He participated in The National Meeting of the Society of American Foresters in Miami Beach in October, where he delivered a paper, "Multiple Resources Mensuration: Providing Information for Management," and was elected Vice Chairman of the Division of Forest Mensuration.

Dr. Ware also served as a member of the Program Committee for the Spring 1970 meeting of the Biometric Society at Chapel Hill, North Carolina. Because of research in sampling here at Iowa State he was invited to organize a session about "Theory and Practice of Forest Sampling" for that meeting. Among the papers to be presented there will be one by Dr. Ware and another by Dr. Hans Schreuder who received a Ph.D. here in 1966.

Dr. Ware also served as a member of the organizing Committee and as a panelist for a National Science Foundation sponsored Symposium on Natural-Resources Biometry at Colorado State University, Fort Collins, in April 1970. As co-chairman of a National Committee established by the U.S. Dept. of Agriculture and the Land-Grant Universities, he will lead a study of ways to more effectively use computer technology in solving problems in management of renewable natural resources.

In his "spare time" Dr. Ware is an avid hunter of upland birds and waterfowl, and says he is completely "hooked" on antique muzzle-loading Kentucky rifles.





DWIGHT W. BENSEND, PH.D.

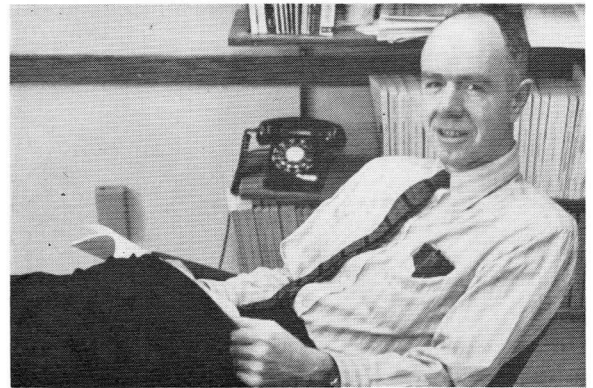
*Professor of Forestry  
Wood Technology, Wood Liquid Relations,  
Mechanical Processing of Wood,  
Properties of Wood, Wood Formation,  
Wood Science Research*

Dr. Bensend received his B.S. and Ph.D. from the University of Minnesota. While working for his graduate degree, he was an instructor on the Forestry teaching staff. After receiving his Ph.D., Dr. Bensend took a position on the research staff at the Forest Products Laboratory, Madison, Wisconsin. From there, he went to Utah State University as Associate Professor in Forestry. In September of 1947 he joined the Iowa State staff as a Professor of Forestry. He took leave from Iowa State in 1961-1962 to take an assignment at the University of Indonesia, Bogor, Java. Dr. Bensend is a past chairman of the Midwest Section of the Forest Products Research Society, and a past secretary-treasurer of the Society of Wood Science and Technology. His major research is in the areas of wood anatomy, wood properties, and gluing.

FREDERICK S. HOPKINS, PH.D.

*Associate Professor of Forestry  
Forest Economics, Forest Recreation,  
Economics Research*

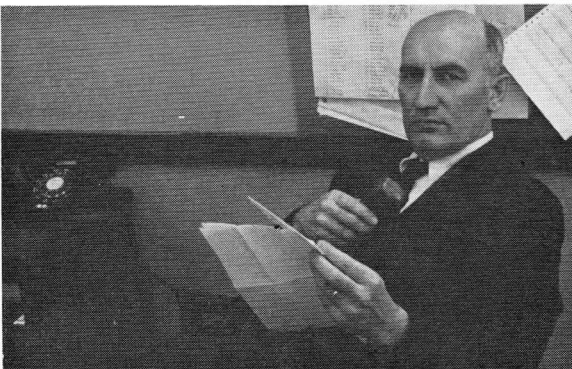
Dr. Hopkins came to Iowa State in 1959. He obtained his B.S.F., B.B.A., and M.F. degrees at the University of Michigan and his Ph.D. at Syracuse. Dr. Hopkins' professional experience includes consultation with organizations and private industries. He is presently on the Forestry Curriculum Committee and is also on the University Committee on Student Conduct which is a student-faculty committee. The subjects taught by Dr. Hopkins are forest economics, forest recreation, and forest policy. He also acts as the Forestry Club Advisor. Dr. Hopkins' interests other than forestry are travelling, hiking, and mountain climbing.



GEORGE W. THOMSON, PH.D.

*Professor of Forestry  
Forest Photogrammetry, General Photogrammetry,  
Forest Management, Range Management  
Summer Camp Mensuration  
Introduction to Forestry*

Dr. Thomson became an undergraduate student at Iowa State in 1939 and has taught in the forestry department since 1948. He received his B.S., M.S., and Ph.D. degrees from I.S.U. Dr. Thomson has served as Chairman for the Mensuration Section of the S.A.F. He has recently become a member of the Management Education Council. Dr. Thomson has completed an about to be published study of a decade of forestry student success prediction. He directs the management research problems of graduate students who are working on masters degrees. He is in charge of Placement of management graduates and directs or participates in all Forestry Camps. He returned in December from a five month faculty improvement leave concerned with forest management in private industry.



DEWITT NELSON

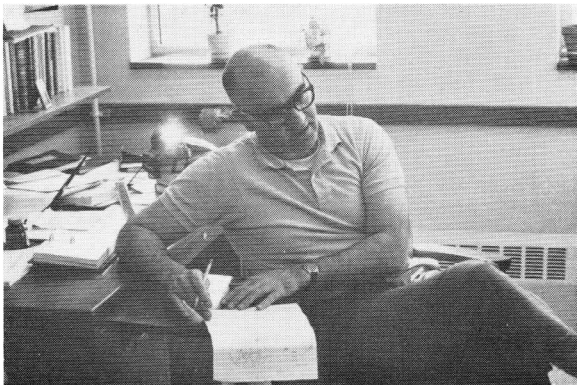
*Professor of Forestry*

*Forest Recreation,*

*Resource Management and Administration*

*Environmental Problems—Honors Seminar*

After receiving a B.S. in forestry from Iowa State in 1925, Professor Nelson spent 19 years with the U.S. Forest Service in California. During this tenure he became Forest Supervisor of four National Forests. From 1944 to 1953 he was State Forester for California. From 1953 to 1966, Professor Nelson was Director of the California Department of Natural Resources and Director of the California Department of Conservation. Here his responsibilities covered a wide range of renewable and non-renewable resources as well as recreation. During that period much major conservation legislation was enacted and implemented under his leadership. After four quarters in 1966 and 1967 as a Visiting Professor at Iowa State and Visiting Professorships at two other universities, Mr. Nelson became a permanent member of the Iowa State staff in the fall of 1968. Here at Iowa State, in addition to his teaching activities, he has given numerous speeches concerning forestry and environmental problems. Professor Nelson has held numerous top national professional positions including a tenure as the President of the Society of American Foresters and has also served on several national advisory commissions.



JOE MCBRIDE, PH.D.

*Assistant Professor of Forestry*

*Forest Biology, Forest Influences*

*Applied Forest Biology, Advanced Forest Biology*

Dr. McBride arrived at Iowa State at the beginning of last June. He received his B.S. in forestry at the University of Montana in 1960, his M.S. in forestry from the University of California in 64, and his Ph.D. in botany from California in 1969. Dr. McBride's previous work experience includes forest administration work in Montana and Alaska, forestry research work in California, and forest consulting work in Montana and California. Hobbies and interests which Dr. McBride enjoys are painting, knife-making, films, tennis, and literature.

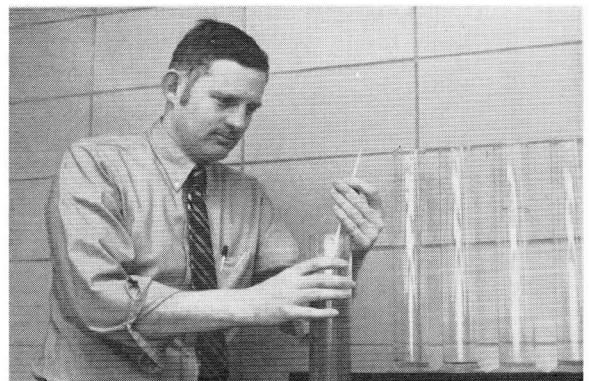
JOHN C. MEADOWS, M.S.

*Instructor in Forestry*

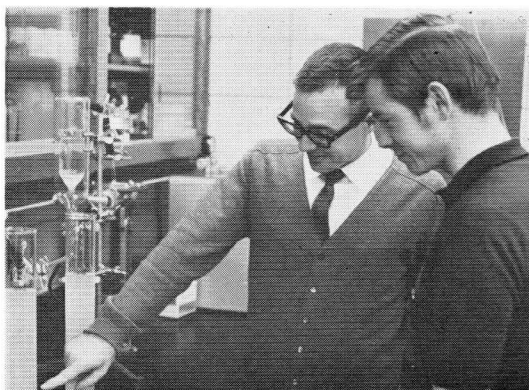
*Forest Operations Analysis, Forest Economics*

*Resource Allocation in Forestry*

Mr. Meadows arrived at Iowa State in August of 1968. He received his B.S. degree at Auburn University and was awarded his M.S. from the Georgia Institute of Technology. Mr. Meadows is currently working on his Ph.D. degree from Duke University in the field of Forest Economics. His dissertation is on the impact of timber resources on regional economic growth. Prior to coming to Iowa State, Mr. Meadows also attended Vanderbilt University for one year studying economics. His hobbies include hunting, fishing, and playing with the computer.





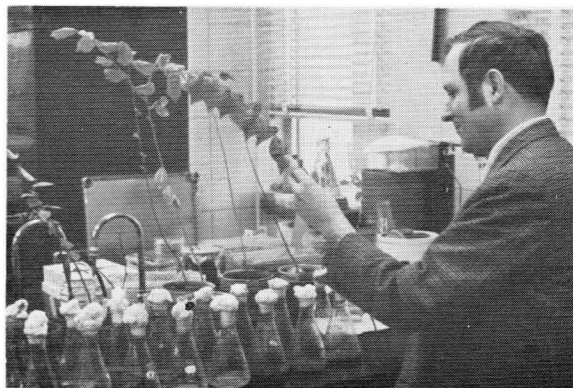


J. D. WELLONS III, Ph.D.  
*Assistant Professor of Forestry*  
*Wood-Liquid Relations and Specific Gravity*  
*Chemical Processing of Wood*  
*Physical Properties of Wood*  
*Chemistry of Wood, Rheology of Wood*  
*Research Methods in Forestry*

Dr. Wellons is completing his fifth year of forestry instruction at Iowa State. He was awarded his B.S., M.F., and Ph.D. degrees from Duke University in 1960, 1962, and 1966 respectively. Before coming to I.S.U., Dr. Wellons' professional experience included three years as a chemist at the Research Triangle Institute at Durham, North Carolina. His professional activities during the last year include: Chairman of the Fundamental Properties Division—Forest Products Research Society; presentation of a paper on warty cell wall polysaccharides at the Symposium on Utilization of Southern Pine. During April, Dr. Wellons took a position at Oregon State University, Corvallis, Oregon, where he is involved in both instruction and research.

HAROLD S. McNABB, JR., Ph.D.  
*Professor of Forestry, Professor of Plant Pathology*  
*Forest Pathology, Wood Deterioration*  
*Forest Tree Diseases*

For 17 years, Dr. McNabb has taught at Iowa State. He was awarded his B.S. from the University of Nebraska in 1949 and his M.S. and Ph.D. from Yale in 1951 and 1954 respectively. During the summers of 1950 through 1952, Dr. McNabb worked on the Tropical Woods Project—Office of Naval Research. Dr. McNabb has traveled throughout Europe visiting with people in the profession, represented the U.S. as an official delegate at the FAO/IUFRO Symposium at Oxford, England and served in a similar capacity at the International Botanical Congress at Edinburgh, Scotland. Two of his recent projects included research in these general areas: relationships between soil fungi and plant roots, and host resistance reactions in woody-plant wilt diseases. He is Chairman of the North American Committee on Elm Research. Besides his work in research and instruction, Dr. McNabb's interests include politics and working with youth.



A. EDWIN GRAFTON, M.S.  
*Extension Forester*

This is Mr. Grafton's second year at Iowa State as Extension Forester. He obtained his B.S. and M.S. degrees from West Virginia University. He is currently working on his Ph.D. degree in Forest Economics. Mr. Grafton spent two and one half years in Kenya, Africa on an A.I.D. contract before coming to I.S.U. Prior to his African teachings of forestry, he taught at West Virginia University for two years. Mr. Grafton is planning to return to Kenya for a brief visit this winter.



RAYMOND F. FINN, Ph.D.

*Associate Professor of Forestry*

*Project Leader of U.S.F.S.—Ames Research Center*

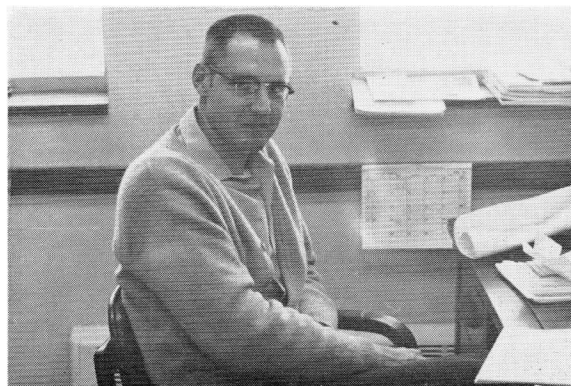
Dr. Finn came to I.S.U. in his present capacity in 1961. He received his B.S. from the University of Minnesota and his M.S. and Ph.D. degrees from Michigan State University. In connection with his job of directing the research carried out by the research center, Dr. Finn has visited many of the top forestry research and experimental stations throughout the country. A paper showing in color the foliar nutrient deficiency symptoms for a number of forest tree species has been submitted for publication. One of his research projects entails the inorganic mineral nutrition of black walnut and other fine hardwoods, with the primary objective being to determine the levels of the essential elements which will maximize growth as determined by stand nutrient culture studies. Dr. Finn is also interested in astronomy and photography.



ROBERT A. MCQUILKEN

*Research Forester*

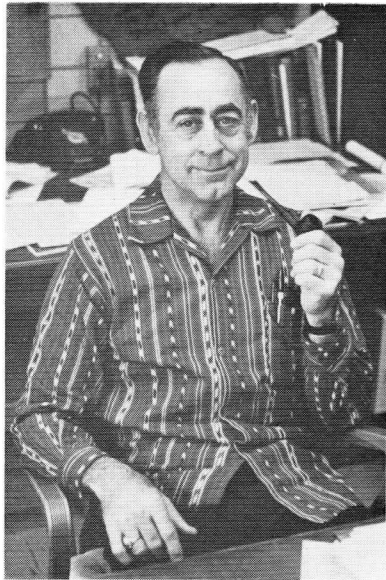
Mr. McQuilken arrived at Iowa State in April of 1967. He received his B.S. from Muhlenberg College and his M.F. from Duke University. He is now working on his Ph.D. from the University of Missouri. He worked at Salem and Columbia, Missouri, for the North Central Forest Experiment Station from 1961 to 1967. His research here at Iowa State for the Forest Service is concerned with soil moisture and fertility problems associated with hardwood plantation establishment.



RICHARD E. DICKSON, Ph. D.

*Research Forester*

Dr. Dickson came to Iowa State in the fall of 1968 and is a research plant physiologist for the Forest Service. He received his B.S. and M.S. degrees at Southern Illinois University, and his Ph.D. at the University of California. Dr. Dickson served as a research assistant for approximately 10 years while earning his degrees. His research here at I.S.U. for the Forest Service is concerned with water relations and mineral nutrition of plants.



DR. WAYNE SCHOLTES, PH.D.  
*Professor of Agronomy, Professor of Forestry  
 Beginning Soils, Forest Soils,  
 Soil Genesis*

Dr. Scholtes received his B.S. in forestry from I.S.U. in 1939, his M.S. from Duke University in 1940, and his Ph.D. from I.S.U. in 1951. In addition to his teaching, he is doing research on the evolution of the landscape in relation to soils. He was voted professor of the year by students of Agriculture in 1960, and received the Gamma Sigma Delta award for distinguished service to agriculture in 1967. He has been a visiting professor at the University of Illinois and at the University of Arizona. He is Director of the Soil Science Institute at I.S.U. In addition to all of this, he holds the life-long self-appointed title of "Great Soil Scientist."

DEAN R. YOESTING  
*Assistant Professor  
 Forest Outdoor Recreation*

Dr. Yoesting has been on the I.S.U. staff for 3 years, having originally been appointed in Sociology and Anthropology in 1966. He was jointly appointed in Forestry in 1969. Dr. Yoesting holds his B.S. and M.S. degrees from Ohio State University and his 1967 Ph.D. degree from the University of Wisconsin. For the last 10 years teaching and research have taken up his working time. Dean's field of specialization is Sociology. His principle duties in the Department of Forestry include participating in research concerning human-preference-and-use-pattern aspects of outdoor recreation. Dean also participates in teaching natural resource administration.



JULIUS ANSGAR LARSON, PH.D.  
*Associate Professor of Forestry*

Dr. Larsen received his B.A. and his M.A. in Forestry at Yale in 1908 and 1910 respectively. He then practiced forestry from 1910 to 1924 in Montana and Idaho. He came to Iowa State in 1924 to teach forestry and later received his Ph.D. in 1936. Dr. Larson retired in 1955, but is still an associate professor of forestry at I.S.U. Subjects which he has taught include silviculture and forest establishment, wood technology and forest products, forest ecology and forest influences, and conservation and values of natural resources. As a teenager, Dr. Larson spent two years sailing on the Atlantic and it is from this experience that he acquired the nickname "Skipper," or "Skip" for short; a name which acquaintances still address him by. Dr. Larson's favorite hobby is oil and water painting at which he is most proficient.

it has become a way of life. Similar to the professional selecting his field of specialty, many public organizations are specialty-oriented and in the case of private groups a specific interest is selected and the association becomes known as a special interest group. Some of these groups will favor and support forest land programs to the limit of their characters, while other groups will go to the other extreme and oppose any form of use which they determine upsets the natural balance.

A brief look back in history tells us that the concepts of forest conservation came soon after the rise of forestry and the forestry profession in this country. In time people accepted this concept, but its meaning and use depended on the interest and purpose best suited for the individual or group. The new term could refer to use of the resources or the opposite extreme of preservation. Both of these applications are important and have a place in our society, provided they are not practiced to the extreme for the entire benefit of one and exclusion of the other. In some cases extremists overlook the need for a proper balance to best serve the needs of all people.

The early concept of forest conservation as a package included water resources, but three decades passed before soil and water conservation became a reality in the early thirties. The application of soil and water practices on private and public lands was hastened by emergency programs following the Depression of 1929. Likewise, these emergency programs accelerated the extension of National Forest units and their development. Now, in modern times another situation has entered the scene—the mad rush for land. Modern invention, financial and organizational abilities, and urgency to provide for people have led to the need for super facilities on the land. Super highways, jet airports, large water reservoirs and sub-divisions are being developed on high productivity acres, as well as the poor. Much conflict has resulted in the selection of areas and in the long run created a greater need for land use planning and zoning. Most of the larger cities have enacted zoning ordinances, as well as many of the smaller cities. Most of the conflicts, however, have occurred outside of the city limits in the areas under county jurisdiction. Many of the counties are reluctant to tackle this task. Nevertheless, the need for land use planning is now recognized on a national level. Land use has been included in the President's 1970 Economic Council on Environmental Quality. Can this approach be fast enough to determine the best uses of land which is already an issue now? Can decisions be made by cooperation and coordination of qualified professionals in all concerned disciplines, rather than by a few? These questions and many more will require answers in the days and years ahead.

More than any time in the history of forestry in America the forester has an open road to higher professional levels. In recent years most foresters—public and private—have broadened their concepts of the uses and benefits of forest land. The general public has not fully accepted or comprehended the importance of forestry. In the past several years urban people have journeyed to the forests. The record of visitation is the highest in history. The primary purpose for these visits is classified under the broad heading, Outdoor Recreation. There is no question that greater interest has been focused on forest land. This interest could be considered beneficial from the standpoint of additional use of forest land, but on the other hand it could be detrimental in that it signifies a single use and benefit of the forest. Some agencies and organizations have taken advantage of this increased interest and provided ways and means for the visitor to learn more about the natural resources and methods of management.

Forestry has been the silent partner in the overall social and welfare of our country. The forester has been the hard working professional with little or no publicity. When the headlines spelled out the ravages of a major forest fire, usually out west, such national news pointed out in many cases saving of people and homes, which aided the public in strengthening the image of the forester as a fire fighter. No headlines cited how well managed forest land purifies and benefits water supplies or acts as a deterrent to air pollution, which plagues our nation today.

For some time we have known about the rare ability of trees to maintain purity of air by liberation of oxygen. It is a fact that trees and vegetation are necessary for human existence. Have we, as foresters, failed in our haste to greater heights overlooked a very important environmental benefit of the forest? Recently, it was learned through research findings how polluted atmosphere caused mortality of certain species of trees in California. Does this fact indicate that some species are more susceptible than others? Is this a case of carbon dioxide buildup in excess of oxygen production? These findings are startling when we know so little about the subject. Since this information has been released to the public, we need more facts about the entire subject as quickly as possible. According to scientists there has been a balance between the oxygen in the air, about 20 percent, and the carbon dioxide in the air, less than one percent. With this information it could be reasoned that a concentration of industrial enterprises, which discharge carbon dioxide into the air, would soon upset the balance in the surrounding countryside.

Large population centers are experiencing serious problems in handling people affairs. Should foresters be concerned and get involved to the extent their professional knowledge and experience fits the situation?



These and other humanitarian benefits are some of the approaches which will place the forestry profession in the proper perspective it deserves. Can the forestry attain public recognition enjoyed by lawyers, engineers, doctors and other professions of long standing? It is possible, but it will take time.

We have reached the decade which some term the "Surging Seventies". In many ways it could be referred to as the "Sensitive Seventies", particularly since major national efforts are concentrated on water and air pollution—the end result of progress over the years—and the continuing clashes between people.

### Some Approaches and Situations

The people job has been with us over the years with considerable variation in scope and purpose. Although the job is different today, it is here to stay and won't go away. In many respects it has and will become more complex, especially the phase to inform and get the support of the general public.

Many agencies and progressive organizations have recognized the task of working with and understanding people. They consider this task as high priority and have developed training programs in this field for new employees and, also, refresher instruction for older employees. The fact that many organizations have training programs should not influence the need for certain basic requirements.

Three basic requirements are suggested to facilitate working with people including ability to write, talk and instruct. The ability to write and talk should be in technical terms, as well as in terms readily understood by the average public. It is not unusual for professionals to express themselves in technical language, which is not familiar or understandable by the public. How many times have you asked the doctor to explain some professional term or statement? In many ways the ability to instruct is similar to public speaking, which is available in academic schedules. Instruction goes a step further than public speaking in that the planned subject is so arranged and sometimes limited in scope in order to reach a reasonable understanding of the group. It is recognized that every forester can not be an expert instructor, but he needs to consider that his assignment will involve the need for this method of contact some time in the future.

Most of the methods and approaches to reach the public over the years continue to be applicable today. We should not be influenced by the continuity, because some of the results have not been fully productive. Thus, the door is open to new ideas and approaches.

For the purpose of this paper people have been classified on the basis of interest and attitude concerning natural resources as the concerned group and the unconcerned-uncommitted group. People in the concerned category readily publicize their interests.

They represent the smaller segment of the population. The forester can grasp and prepare for the situation.

The majority of the people are either unconcerned or uncommitted; that is, they remain silent and represent an unknown quantity. Every effort is made to reach these people through newspapers, radio, television and publications. This is the "shotgun" approach and leaves much to be desired. As mentioned before in this paper visitor information services have been initiated in some areas and in this manner contact is established with the recreation-minded public. Another approach is conservation education, which has considerable merit in the future. This approach will permit reaching children in the grade school level.

Concerned people are normally organized into special interest groups, but individuals come into the picture quite often. Some of these groups are organized on a national basis, but most of them are local or statewide. These individuals and groups could be friendly or hostile to the forestry program in the area. Most of the conflicts result with change of management direction and the special interest group oppose the change as adverse to their interests. Many of the conflicts can be resolved or calmed, if plans are formulated in advance. Several examples of situations a forester could face are noted as follows:

- For years your organization has preached forest fire prevention and the results are noteworthy. No, after research and analysis it is determined that prescribed burning will benefit timber management. The policy is adopted and field operations are to be initiated in the near future. What is the most practical approach to gain public support?
- It has been determined that the best results to grow better quality and quantity timber would be to shift from uneven-aged system, which has been practiced for many years, to an even-aged system of management. The policy is adopted and management plans are developed to make the shift. How do you handle the situation with the public? To make the situation more binding the area under your direction includes trout stream management under cooperative agreement with the state agency. Many special interest organizations are interested in this resource. Very perplexing, but what is the approach?
- An evaluation in your area indicates the need for a major recreation area to handle a heavy increase in visitation. The selected area will have a 100-acre lake and is located in the heart of a big game wildlife management area. Many special interest organizations have a dedicated interest in the big game resource and voice strong objections to development of a public recreation area, which will bring the "outsiders" into their paradise. What do you do in a complicated situation like this?

The above situations are just a few, but they are actual examples and were handled to a successful completion. However, success was not achieved readily. Each situation was handled as a separate project with a plan prepared in advance which delineated steps in procedure to accomplish the task. Actual accomplishment involved many contacts with agencies, organizations and individuals in an effort to obtain support and understanding.

For many years foresters have been praised for their expertise in preparation of short and long range resource and service plans. In any forest land organization it is just as important to develop a plan to handle public relations, as it is for timber management of fire control. Success or failure to achieve the support and understanding of the public depends largely on the extent of analysis, method of contact, timing and planning in advance of known or probable development of situations. In other words the plan should be aimed at situations before they become problems. Some experts define a problem as the gap between what should be happening and what actually is happening.

Often in contacts with key people and groups it is necessary for the forester to show interest in the cooperator's program and difficulties to pave the way for presenting his situation. Likewise, special interest groups, whose membership usually consists of active working people, will hold meetings at night or on weekends. In some cases it might be necessary to be a "joiner" for closer relationship.

Foresters will have many opportunities to contact

groups, either by invitation or planned schedule. Many of these sessions will be inside and the setting will be much like a class room (fig. 1). The groups will be younger as well as older people. Much opportunity presents itself in these sessions to use aids to obtain attention and clarify your topic. More often, group sessions will be scheduled in the woods (fig. 2). Most people enjoy a show-me trip, and it is possible to point out first hand the items which you have planned in advance.

### Looking Ahead

The forester has a much broader scope of responsibilities facing him now and in the future. Along with his technical and scientific proficiency he will get more involved with the economic, social and political aspects—the way of life today. Foresters have been noted for their versatility to tackle momentous tasks. The task ahead looks like a good one to undertake and achieve. The public relations job is much more complex now in comparison to the early years when one-half of the population made their living on farms. Now the greater portion of the population is urban-oriented and know little or nothing about the value and importance of natural resources.

As it looks from here progress in the overall environmental conditions will require a great deal of cooperation and coordination between professions, agencies, industries, organizations, key individuals and the general public in the years ahead.



## *The Quiet Crisis*

Most Americans find it difficult to conceive a land ethic for tomorrow. The pastoral American of a century ago, whose conservation insights were undeveloped, has been succeeded by the asphalt American of the 1960's, who is shortsighted in other ways. Our sense of stewardship is uncertain partly because too many of us lack roots in the soil and the respect for resources that goes with such roots. Too many of us have mistaken material ease and comfort for the good life. Our growing dependence on machines has tended to mechanize our response to the world around us and has blunted our appreciation of the higher values.

There are many uprooting forces at work in our society. We are now a nomadic people, and our newfound mobility has deprived us of a sense of belonging to a particular place. Millions of Americans have no tie to the "natural habitat" that is their home. Yet the understanding of the grandeur and simplicity of the good earth is the umbilical cord that should never be cut. If the slow swing of the seasons has lost its magic for some of us, we are all diminished. If others have lost the path to the wellsprings of self-renewal, we are all the losers.

—STEWART L. UDALL

of beauty, quiet, and space in which to remain human. We are, indeed, all in each other's service. Forest geneticists and pathologists working to grow trees resistant to minor levels of air pollutants, must collaborate closely with the engineers who are trying to reduce the amount of these pollutants. Thus, by approaching the problem from each side, we may reach a sensible standard—the right amount of air pollution for the multiple use of the air, if you like.

In the middle of the Sahara Desert hundreds of miles south of Tassalit and a thousand miles north of the southern limit of the present Sahara, there are rock drawings depicting jungle animals and indicating that the jungle was once there. This desert grew south undoubtedly with the help of man as also in India, at the rate of about a mile a year. Surely, with our present scientific and engineering prowess we can roll the carpet of jungle back.

If we get the foresters out of the forests so that they can see the trees in the cities, and bring to other cities William Penn's vision of "Greene Countrie Townes," then foresters would not have to worry if trees could vote and would win the confidence of fellow humans, not as in the old slogan, a chicken in every pot, but *with a tree in every plot*.

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## Timber Quality Evaluation—

(Continued from Page 13)

The method of forest management prescribed and used by the operating forester, of course, has a considerable effect on the quality of the timber crops produced. To produce high-quality he must have some measure of quality. Each successive cutting operation during the rotation provides the opportunity to manipulate growing stock quality, as well as volume growth. Here too, the use of an indiscrete quality evaluation system could be most useful in determining potential.

Still another major use for quality evaluation systems is within the forest products industry where the trend is toward large vertically- or horizontally-integrated companies. They are concerned with allocation of logs to alternative plants, aiming at optimum value. Log grading systems are becoming very useful to management for this purpose. Moreover, there is the challenging opportunity of evaluating quality at each stage of the manufacturing process, where the mix of output units can be evaluated more precisely than the input unit in terms of predicting the next stage outputs. Thus, the output of one process is the input to the next and the various steps share strong inter-dependencies.

With the development of better timber quality evaluation systems, for the whole array of uses they can serve, the resource can be better managed and used to meet the growing needs of the market place. The task is large, but necessary if we are to meet the predicted demand for wood in the years ahead.

## (If Trees Could Vote)—

(Continued from Page 11)

landscape architects, with city planners, even with psychologists and sociologists, to see that their skills are used to the maximum for people's needs.

The people problems of balancing our technological advances, our manufacturing plants with our natural environment, are problems of the total ecosystem—eco-technology or socio-technology, if you like; and every day there is a new threat to the ecosystem that embraces so many humans. Noise is now the new pollutant, and many are concerned about the new kind of noise which will be created by supersonic transports. Like all other pollutants, the people who create the pollutant are not the same set as those who suffer from it. We have had noise for a long time, and particularly lately at airports. Trees play a most important part in cities as noise barriers but, whereas before people had a choice to move from the noise, the supersonic transport will carry its nerve-wracking sonic boom to the middle of the forests, the deserts, and the wilderness areas. There will no longer be any quiet to flee to for contemplation.

Here is a case where, as Roger Revelle has said, "our cleverness is growing faster than our wisdom." While government is busy studying standards of poisons, clean air, and water, it is with the other hand creating a new level of noise and hoping that it will be tolerable to people. It is gratifying to see that foresters are studying the consequences of pollution to forests, as well as the uses of pines as indicators of pollution just as fish are indicators in water. It is good to see silviculture examined not just for timber production but also for people and trends explored in relation to public regulation of private and public forest lands. I am glad to know that foresters will not merely sit by and watch these trends but will take part in forming and in creating the harmony desperately required between people and trees.

### The Forester's Role: Multiple Use

Foresters can lead the way. They have shown how to control and reduce disasters by fire, and how to replant after such disasters. Great stately trees, the biggest plants in the world, are akin to the smallest plants in the world, the phytoplankton in the ocean, in their service to man. Both turn the energy of sunshine into the kind of energy that is assimilable by man and other animals. We all remember the Torrey Canyon disaster when oil from the tanker destroyed vast quantities of wildlife on the shores of England and France. An eminent biologist has estimated that had the Torrey Canyon contained an equal quantity of herbicide, it would have stopped all of the photosynthesis in the North Sea—equivalent to a kind of a fire burning up all the tiny green phytoplankton that provide the basic requirements for life itself.

The green plants of the ocean provide almost three quarters of the conversion of carbon dioxide back to oxygen that we need to breathe. Forests and trees play a large part on land. This biologist warned that with concrete highways, cities and airports diminishing the green on land each year, and with the possibility of toxic materials reducing the photosynthesis in the sea, we might actually run out of oxygen.

Just as industries must become quiet and clean if they're going to be where people are, so foresters should work with the builders of the cities' highways and airports to provide these facilities, yet provide them with forests and trees around. Multiple use necessitates the respect of one user for the uses of another.

There are persons concerned with pollution who emotionally demand perfectly clean air. If we are going to use air for other things, we cannot demand that it be perfectly clean but that only a tolerable amount of foreign substance be in it. Air has never been perfectly clean. Indeed, if it were it would never rain for there would be no nuclei of condensation.

Multiple use presupposes a tolerance of, and a knowledge of, the other fellow's uses.

The Society of American Foresters recognizes that in managing and using forest lands for human benefit, one must relate them to all the other natural resources but, so far, apart from the provision of wood, they have been insufficiently related to the more metaphysical human needs.

Pressures to take valuable timberlands out of competent private management can be resisted if a way is found both to increase wood production and increase the use of the lands for people.

With those who maintain that they'd rather have a redwood than a redwood house, it is hard to argue. They will say that engineers and scientists can invent substitutes for wood for building, and that the one thing that we can never reinvent once we destroy it is the God-given natural environment. Man was first the slave of nature; now with his countless array of new chemicals and his almost unlimited supply of power, he is in a position to dominate nature. He first domesticated other animals. Can he domesticate and tame himself to live in harmony with nature?

### People to People

It's an oversimplification to say that if we cut down trees, we must cut down population growth. Foresters have been too timber-oriented. They must become people-oriented. We worry about segregation today, but foresters have not bothered about the segregation of trees from people. It is inevitable that in the future, fewer and fewer of us will be in the business of providing the things that people need. More and more of us will be in the business of providing the services that people need, including the provision



# Alumni Directory

ABBOTT, LYNN CARL. B.S. 1962. Route 3, Clarion, Iowa.  
 ABBS, ARTHUR WILLIAM. B.S. 1965. 4350 E. Pence DeLeon, Apt. D, Clarkston, Georgia 30030. *Recreation Specialist, Bureau of Outdoor Recreation, South East Region, Atlanta, Georgia.*  
 ADAMS, DENNIS DALE. B.S. 1963. Box 584, Island City, Oregon 97851.  
 ADAMS, EUGENE BURDETTE. B.S. 1950. Route 2, Walcott, Iowa. *Brammer Mfg., Davenport, Iowa.*  
 ADAMS, JAMES ALLEN. B.S. 1966. 2315 Kellogg, Ames, Iowa. 50010.  
 AEGERTER, JOHN CHARLES. B.S. 1961. Verlot Ranger Station, Granite Falls, Wash. 98252. *Forester, Wilmema National Forest.*  
 ALBRECHT, DAVID JOHN. B.S. 1957. 1386 N. Sycamore, Rialto, California 92376. *Assistant District Manager.*  
 ALDRICH, HOWARD WOOD. B.S. 1948. 1320 Upton, Waterloo, Iowa.  
 ALLEN, EDWARD ERNEST. B.S. 1961. Star Rt. Box 192, Ripplebrook Ranger Station. *Forester, Mt. Hood National Forest.*  
 ALLEN, JOHN CHARLES. B.S. 1940. Box 480, Norris, Tennessee. *Staff Forester, Tennessee Valley Authority.*  
 ALLEN, LOUIS ANDERSON. M.D. B.S. 1951. 5317 W. 19th Street, Prairie Village, Kansas.  
 ALLEN, MEREDITH RUSSEL. B.S. 1949. 4010 Occidental Blvd., Duluth, Minnesota, 35804. *Executive Secretary, Minnesota Timber Producers Association.*  
 ALLEN, ROBERT MAX. B.S. 1947, M.S. 1951, Ph.D. (Duke). Belle W. Baruch Professor of Forestry, Dept. of Forestry, Clemson Univ., Clemson, South Carolina, 29631.  
 ALLEN, SHIRLEY W. B.S. 1909, M.F. 1929. Deceased.  
 ALLEN, THEO. R., Jr. B.S. 1950. 709 Washington Ave., Grants, N. Mexico 87020. *President & General Mgr. Mt. Taylor Millwork, Inc.*  
 ALLISON, BRYON LEE III. B.S. 1965. 250 Oglevee Lane, Connellsville, Pennsylvania, 15425. *Plant Manager, Forest Products Division-Koppers Co. Inc.*  
 ALLMAN, FRED DEAN. B.S. 1954. *U.S. Air Force—Instructor.*  
 ALLYN, ALLAN DUNCAN. B.S. 1947. 41 Florence Drive, Fort Madison, Iowa. *Forester, Crandon Paper Mills, Inc.*  
 ALMDALE, ROY WILLIAM. B.S. 1941 (5 year). 3900 Samaria Ct., Tucker, Georgia 30084. *Superintendent of Parks, Johnson County.*  
 AMENDT, MARVIN LEWIS. B.S. 1951. 6th and Grand (Box 293), Lakeville, Indiana. *Owner and Operator, Lakeville Sawmill Company.*  
 ANDERS, VERLYN K. B.S. 1968. 1004 NE 3rd Ave., Homestead, Florida. *2/lt. Weapons Controller, United States Air Force.*  
 ANDERSON, ARDEN EDWARD. B.S. 1950. Kengston, Tennessee. *Assistant District Forester, Hiwassee Land Company.*  
 ANDERSON, CLARENCE ELLIS. M.S. 1933, B.S. (Univ. of Minn.) R.R. No. 4, Box 372, Columbia, S. Carolina.  
 ANDERSON, DAVID PETER. B.S. 1959. R.R. 1, Box 55, Tonasket, Wash., 98855.  
 ANDERSON, DONALD ELMER. B.S. 1959. 42 Jane Drive, Monroe, La., 71201. *Military Service.*  
 ANDERSON, GARRY L. B.S. 1965. *Forester U.S.D.A. Forest Service, Wallowa Whitman National Forest, Baker, Oregon.*  
 ANDERSON, GEORGE E. B.S. 1960. Rural Route 3, Willow Springs, Missouri. *Assistant Ranger, Willow Springs Ranger District—Mark Twain National Forest.*  
 ANDERSON, GORDON KENNETH. B.S. 1950. Primghar, Iowa. *Northern Natural Gas Company.*  
 ANDERSON, HELMER. B.S. 1932. R.R. No. 4—Box 138, Chippewa Falls, Wisconsin. *Soil Conservationist, U.S. Soil Conservation Service.*  
 ANDERSON, HELMER. B.S. 1932. Route 6, Box 215, Chippewa Falls, Wisconsin, 54729. *Retired (Soil Conservation Service).*  
 ANDERSON, KARL MILTON. B.S. 1942. 1731 S.W. 17th, Redmond, Oregon 97756. *Logging Manager, Brooks-Willamette Corporation.*  
 ANDERSON, PHILIP OLAN. B.S. 1960. Box 55, Dolores, Colorado, 81323. *Forester—Central Plains Forestry, U.S. Forest Service, Lincoln, Nebraska.*  
 ANDERSON, RAYMOND EVANS. B.S. 1949. 10 Damon Street North Reading, Massachusetts. *Teacher—Parker Jr. High School, Reading, Massachusetts.*  
 ANWAR, AFFENDI. M.S. 1964. Tjiwaringin Kaum 676, Bogor, Indonesia. *Faculty of Forestry—Institute of Agriculture, Djolan Ottoiskandardinata Bogor, Indonesia.*  
 ANGELL, BRIAN ARTHUR. B.S. 1965. 1602 Amherst Street, Charlottesville, Virginia 22901. *Student-Graduate Business School, University of Virginia.*  
 ANDERSON, ROGER ALBERT. B.S. 1959. 1001 South 9th Street, Rogers, Arkansas. *Plant Manager, Kerns Furniture—Division of DeSoto Inc.*  
 ANDREAS, LEE GLENN. B.S. 1956, M.S. 1960. Box 225, Eagle River, Wisconsin, 54521. *Educational Director at Trees for Tomorrow Camp in Eagle River.*  
 ANDREWS, CHARLES WILLIAM. B.S. 1950. 501 North Central Avenue, Chicago, Illinois.  
 APPENZELLER, ROBERT STEPHEN. B.S. 1961. 3430 Penfield Rd., Columbus, Ohio 43227. *Fieldman—American Plywood Assoc.*  
 APPLEQUIST, MARTIN BENJAMIN. B.S. 1940. 2215 N. Crescent Drive, Flagstaff, Arizona. *Associate Professor—Department of Forestry—Arizona State College.*  
 ARENDTS, CHARLES LOREN. B.S. 1958. 5 Pine Ranger Station Halfway, Oregon. *Assistant District Ranger, Wallowa-Whitman National Forest.*

ARGANBRIGHT, DONALD GENE. B.S. 1962, M.S. 1964. 1764 Tulare, Richmond, California 94805. *Wood Technologist, Calif., Forest Products Lab.*  
 ARLEN, WILLIAM HENRY. B.S. 1948. 27 Nixon Terrace, Asheville, North Carolina 28805. *Timber Management Staff Officer, U.S. Forest Service.*  
 ARMSTRONG, GEORGE W. B.S. 1928. 115 South Los Robles Avenue, Pasadena, California. *Supervisors Staff Angeles National Forest.*  
 ARNEY, RICHARD J. B.S. 1959. 817 S.W. 8th Street, Pendleton, Oregon 97801. *Forester, Watershed Management, Umatilla, N. F., U.S. Forest Service.*  
 ARNOLD, (WILLIAM) DALE. B.S. 1953. 1601 Polk St., Chillicothe, Missouri. *Co-owner Chillicothe Lumber Company.*  
 ARRASMITH, PAUL WESLEY. B.S. 1953. E. 947-29th Avenue, Spokane, Wash., 99203. *Recreation Specialist, U.S. Bureau of Land Management.*  
 AUGSPURER, CHARLES EUGENE. B.S. 1941. 431 Henry Clay Blvd., Lexington, Kentucky.  
 AUSTIN, DON BATTERSHELL. B.S. 1941. 117 W. Norrie Street, Ironwood, Michigan. *Area Forester—Marathon, A Division of American Can Company.*  
 AVERY, NED A. B.S. 1921. Medicine Bow National Forest, Laramie, Wyoming.  
 AXELTON, LARRY EUGENE. B.S. 1956. 1017 Parkway Drive, Bellevue, Neb. *Military Service.*  
 AXT, DONALD ARTHUR. B.S. 1951. 2415 W. Huntington Drive, Peoria, Illinois. *Field Engineer—Gates Rubber Company, Sales Division, Inc.*  
 AYER, DARREL PIKE. B.S. 1939. Route 1, Hudson, Iowa. *Farming.*

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 BACHMAN, JAMES HENRY. B.S. 1962. Box 18, Route 1, Vale, Oregon. *Range Conservationist, B.L.M.—Oregon.*  
 BAGLEY, WALTER THAINE. B.S. (Colo. St.), M.S. 1940. Route 3, Lincoln 7, Nebraska. *Assistant Forester, Agricultural Experiment Station.*  
 BAKER, CARROLL J. B.S. 1920. 5308 Clinton Avenue, Minneapolis, Minnesota. *Teaching.*  
 BAKER, DEAN PAUL. B.S. 1959. 408 Rochester St. E., Akron, Indiana. *Timber Buyer, Pike Lumber Company, Akron, Indiana.*  
 BAKER, RICHARD CREAMER. B.S. 1938. 2044 Hudson, Richland, Washington. *Junior Engineer, General Electric Corporation.*  
 BAILEY, GEORGE ELMER. B.S. 1964. P.O. Box 311, Wray, Colorado. *Soil Conservation Service, Work Unit Conservationist.*  
 BALL, DONALD RINEHART. B.S. 1928. 11 Estrella Avenue, Piedmont 11, California 94611. *Retired—U.S. Forest Service.*  
 BALL, GLENN F. B.S. 1936. 2847 32nd Avenue, Meridian, Mississippi. *Plant & Timberland Manager, The Flintkote Company.*  
 BALLANTYNE, MARVIN DEAN. B.S. 1963. 906 Elm, Roberts & Dybdahl Co., Des Moines, Iowa.  
 BALTHIS, RUSSELL FOREST. B.S. 1907, M.S. (Colo. St.), M.F. 1932. 5300 Grishilde Blvd., Mobile, Alabama 36609. *Self-employed.*  
 BARBER, HALSTEAD WILLIAM. B.S. Fall 1965. Jewett Lumber Co., 615 E. Walnut Street, Des Moines, Iowa. *Director of Industrial and Contractor Sales.*  
 BARBER, MAURICE FREDRICK. B.S. 1942. 318 W. Illinois, Bellingham, Wash. 98225. *Timber Management Staff Assit. Mount Baker Nat'l. Forest.*  
 BARDEN, ALVIN LEROY. B.S. 1955. Box 101, Eagle River, Wisconsin 54521. *Trees for Tomorrow—Camp Manager.*  
 BARDEN, WILLIAM LOUIS. B.S. 1960. 7814 Knoll Drive S., Jacksonville, Florida.  
 BARKER, DONALD MAX. B.S. 1961. R.F.D. No. 3, Spirit Lake, Iowa. *Banker—Federal Land Bank Association.*

- BARKER, DONALD VERNON. B.S. 1950. 1627 La Jolla Avenue, Las Vegas, Nevada. A. C. Houston Lumber Company (retail).
- BARKER, VIRGINIA MCINTYRE. B.S. 1956. Univ. of the Philippines, Legune, Philippines Island. Housewife.
- BARNES, CHARLES CLIFFORD. B.S. 1950. 1010-10th Street—Box 692, Golden, Colorado, 80401. Recreation Staff, U.S.F.S.
- BARNES, GORDON DAVID. B.S. 1959. 2365 Pine Grove Dr., N.W., Atlanta, Georgia 30318. Sales Engineer, Unit Structures, Inc.
- BARRETT, JAMES WILLIS. B.S. 1945, M.S. 1946 (Plant Path.). 592 Thurston, Bend, Oregon, Research Forester Pacific Northwest Forest & Range Exp. Sta.
- BARRINGTON, JOHN CURTISS. B.S. 1955 Box 1616, Callahan, California. District Ranger Klamath National Forest.
- BARTON, JAMES HILDRETH. B.S. 1937. 6004 Dogwood Road, Knoxville 18, Tennessee. Tennessee Valley Authority.
- BASSETT, RICHARD L. B.S. 1963. Box 552, Eldora, Iowa 50627. District Conservationist, USDA-Soil Conservation Service.
- BATEMAN, BRYANT AURELIUS. B.S. (LSU), M.S. 1934, Ph.D. (Mich.). 645 Leeward Drive, Baton Rouge 2, Louisiana, Professor-School of Forestry, Louisiana State University.
- BATTEL, FREDERICK CHAPMAN. B.S. 1934, B.S. (Iowa), B.S. (Columbia), M.A. (Iowa). 2269 Carter Avenue, St. Paul 8, Minnesota. Librarian—U.S.F.S.—North Central Forest Experiment Station, Folwell Ave., St. Paul, Minn. 55101.
- BATTEL, SAMUEL M. B.S. 1928. General Delivery, Liberty, Texas.
- BATTEY, LAWRENCE. B.S. 1929. R. R. 1, Box 31, Punta Gorda, Florida, 33950. District Ranger—Lower Michigan National Forest.
- BAUER, KEITH ALLEN. Deceased.
- BAUER, THEODORE JACOB. B.S. 1951. Box 2212, White City, Oregon 97501. Manager—S.E.L. Ply Products.
- BAUGHMAN, ROBERT WILLIAM. B.S. 1937, M.S. 1939. 603 Luther Drive, Ames, Iowa, 50010. Laboratory Assistant, Dairy Industry Department, Iowa State University.
- BATTELL, WILLIAM P. 114 Rosewood Dr., Albany, Georgia.
- BAXENDALE, HOWARD EARL. B.S. 1939. 2725 Southview Terrace, Vesturia Hills, Alabama, 35216. Forester—Tenn. Coal & Iron Div., U.S. Steel Corporation.
- BAXTER, L. J. B.S. 1913. Galva, Iowa. Farming.
- BEAVIN, MILTON JOE. B.S. 1951. Address uncertain. Sales Representative—Proctor & Gamble.
- BEBENE, BRUCE M. B.S. 1940. 3203 15th Avenue, Meridian, Miss. 39301. Assistant Works Manager, The Flintkote Company.
- BEGUELIN, HOWARD RUSSELL. B.S. 1942. Route 2-Box 55, Estacada, Oregon. Forester—Mt. Hood National Forest.
- BEIL, CHESTER MARTIN. B.S. 1941. 2227 Reclamation Avenue, Klamath Falls, Oregon. Forester—Fremont National Forest.
- BELEHRAD, LAD WILLIAM. B.S. 1942. 44 Tulane Avenue, Deridder, Louisiana. Vice President & Merchandise Mgr., West Brothers Department Stores.
- BENDA, KENNETH JOHN. B.S. 1940. Hartwick, Iowa. Executive Vice President—Hartwick State Bank—State Senator—Ia. Leg. 1963-65.
- BENNETT, STEPHEN EDWARD. B.S. 1969. 1004 Carroll, Boone, Iowa 50036. Carrier for Des Moines Post Office.
- BENSON, ELLSWORTH H. B.S. 1931. 3824 Apple, Lincoln, Nebraska. Ass't. State and Extension Forester Univ. of Neb., Lincoln, Nebr., 107 Ag. Admin. Annex-East Campus, Lincoln, Nebr. 68503.
- BERG, MELVIN DEAN. B.S. 1962. B.L.M., Roseburg District Office, Roseburg, Oregon.
- BERGER, JOHN M. B.S. 1958. 4321 N. E. Couch, Portland, Oregon 97213. Research Forester—Pacific Northwest, Forest & Range Experiment Station.
- BERGMANN, HAROLD ARTHUR. B.S. 1946. Lufkin, Texas.
- BERLYN, GRAEME PIERCE. B.S. 1956, Ph.D. 1960. 30 Morris Street, Hamden, Connecticut. Ass't. Professor-School of Forestry Yale University.
- BERNATZ, JOEL ROBERT. B.S. 1962. Box 591, Chelan, Wash., 98816. Forester, Fremont National Forest, U.S. Forest Service.
- BERTELSON, DANIEL FREDERICK. B.S. 1967. 415 E. Michigan Ave., Missouri Valley, Iowa, 51555.
- BERTLSHOFER, LOUIS JOHN. B.S. 1962. 275 West Parkview Drive, Grand Junction, Colorado 81501. District Ranger, North End District, U.S. Forest Service.
- BEVERIDGE, WILSON M. B.S. 1929. DECEASED.
- BEYER, FRANCIS HOWARD. B.S. 1938. 727 South Chestnut, Jefferson, Iowa. Soil Conservationist, Soil Conservation Service.
- BINGER, COLVIN EDWARD. B.S. 1959. 220 Gara, Ottumwa, Iowa. Field Survey Crew, Crown Zellerbach.
- BIRD, CLINTON CLYDE. B.S. 1961. Box 208, Crescent, Oregon. Forester—Deschutes National Forest U.S. Forest Service.
- BISHOP, ALBERT BAUER. B.S. 1936. 87 Neish Street, Camarillo, California. Budget Officer—U.S. Navy Astronautics Group, Pt. Mugu, California.
- BISHOP, CLINTON GERARD. B.S. 1940. 2026 Cook Avenue, Billings, Montana.
- BJORGE, WILSON. B.S. 1940. 480 Kingswood Avenue, Eugene, Oregon. Resource Management Specialist Bureau of Land Management.
- BJORK, CLAYTON ALEXANDER. B.S. 1939. Deceased.
- BJORNSON, HAROLD BLAINE. REV. B.S., B.D., 1939 (Divinity Sch.). 145 Walter Hays Drive, Palo Alto, California 94303. Pastor, First Baptist Church of Palo Alto.
- BLACK, ROBERT ELMER. B.S. 1949. Box 1273, Winslow, Arizona. Winslow Timber Company.
- BEUTER, JOHN. Ph.D. 1966. Forest Economist, Pacific Northwest Forest and Range Exp. Station, Portland, Oregon.
- BLACKMORE, WM. WINKLER. B.S. 1942. 50 Country Circle, Mason City, Iowa. President and Owner Blackmore Landscape Service.
- BLAISDELL, ALFRED JUDSON, JR. B.S. 1950. Quilcene, Washington. Forester—Olympic National Forest.
- BLASER, ROBERT ALBERT. B.S. 1939. 504 Havasupai Road, Flagstaff, Arizona. Vice President Division Manager, Southwest Forest Industries—Wood Procurement Operations.
- BLOMQUIST, THURE WARREN. B.S. 1950. Box 358—1336 W. 5th Ave., Oshkosh, Wisconsin. Forester, Wisconsin Conservation Department.
- BLOTT, JAMES TURNER. B.S. 1963. R.R. 1, Somerville, Texas.
- BLOUNT, JAY V. B.S. 1939. 3115 Morrison, Sioux City, Iowa 51104. District Sales-LP Gas, 5 States, American Oil Co.
- BLUMENTHAL, DONALD KAMP. B.S. 1951. 643 Lorren Way, Livermore, California.
- BLYTH, JAMES EDWARD. B.S. 1954. 2457 N. Chatsworth, St. Paul, Minn.—55113.
- BOATMAN, JAMES WALLACE. B.S. 1942. 55 Pharr Rd. N.W. Apt. 105, Atlanta 5, Georgia. Collins Radio Company.
- BOATMAN, ROBERT LEO. B.S. 1941. 2908 N. Sheridan Road, Chicago, Ill. 60657. Sales Department, Masonite Corporation.
- BODE, IRWIN T. B.S. 1915, M.S. 1921. 12031 E. Beverly Blvd., Whittier, California (40601). Retired.
- BODENBERGER, PAUL E. B.S. 1959. 724 E. Pine, Central Point, Oregon, 97501. Forester, Bureau of Land Management.
- BOECKH, FREDRICK EDWARD. B.S. 1928. 1015 Second Street, International Falls, Minn. Retired. Presently Executive Director of the Housing and Redevelopment Authority.
- BOEGER, HAROLD JOSEPH. B.S. 1931. 205 E. Spring, Dayton, Washington. Work Unit Conservationist Soil Conservation Service.
- BOGEN, ALFRED J. B.S. 1923. 13431 Danbury Lane—Apt. 134F, Seal Beach, California.
- BOLINGER, DON MICHAEL. B.S. 1962. Box 176, R.F.D. #1, Fredericktown, Missouri. Assistant District Ranger Clark National Forest.
- BONYATA, RICHARD JOSEPH. B.S. 1957. U.S.F.S.—Federal Blvd. Laurel, Michigan, 39440. Florida National Forests—Forester.
- BORCHERS, HAROLD ALLISON. B.S. 1961, M.S. 1964. 701 Pammer Court, Ames, Iowa. Grd. Student, Entomology, ISU Instructor—Entomology & Zoology.
- BORGLUM, DONALD WENDELL. B.S. 1942. 3800 Brussello, North Bend, Oregon. Reforestation Forester, Weyerhaeuser Co.
- BORSTING, CONRAD O. B.S. 1940. 1020 Pacific Terrace, Klamath Falls, Oregon. Weyerhaeuser Company.
- BOSWELL, MARTIN MCKAY. B.S. 1940. 2603 Bay Meadows Drive, Roswell, New Mexico, Rancher—(sheep & cattle).
- BOUMAN, LANE JOHN. B.S. 1957. Box 58, Missoula, Montana, 59801. Forester—U.S. Bureau of Land Management.
- BOUST, WILLIAM H., JR. B.S. 1948. 415 First Street, Audubon, Iowa. Soil Conservationist, U.S. Soil Conservation Service.
- BOUSTEAD, LYLE EDWARD. B.S. 1950. 1350 Pleasant Hill Drive, Cottage Grove, Oregon. Forester and Engineer Weyerhaeuser Company.
- BOWER, RICHARD KENDALL. B.S. 1966. 2nd S.S. 3310 West St. Ames, Iowa, 50010. ISU Grad Student.
- BOYCE, JOHN THOMAS. B.S. 1949. Lake McBride, Rt. 4, Salem, Iowa.
- BOYLE, JAMES REID, LT. B.S. 1962. 3910 Birch Ave., Madison, Wisconsin. Assistant Professor of Soils & Forestry, University of Wisconsin (effective August 15, 1968).
- BOZARTH, RICHARD ELTON. B.S. 1957. 9629 Redman Avenue, Omaha 34, Nebraska.
- BRABHAM, WILLIAM CHARLES. B.S. 1950.. 704—21st Street, West Des Moines, Iowa. Director Planning & Coordination Iowa Conservation Commission.
- BRADY, DONALD LUDLOW. B.S. 1950. 1007 Croton Drive, Alexandria, Virginia 22308. Senior Analyst for Consultec, Inc.
- BRADFORD, MORSE VALENTINE. B.S. 1937. Address Uncertain.
- BRADISH, JOHN ADAMS. B.S. 1953. 470 Hemlock, Corvallis, Oregon 97330. Farm Forester—Oregon State Board of Forestry.
- BRANDAU, WILLIAM HENRY. B.S. 1940. 439 Safari Circle RR #4, Stone Mt., Georgia (30083). Forester, U.S.F.S. Alexandria, Louisiana.
- BRANDRUP, MICHAEL EDMUND. B.S. 1967. 1001 Madsen Ave., Webster City, Ia.
- BRANDS, ANDREW F. B.S. 1931. 2523 Weigelia Road N.E., Atlanta 6, Georgia. Regional Office U.S. Forest Service.
- BRECKENRIDGE, GEORGE PENTON. B.S. 1947. 1716 McGregor Avenue, Ft. William—Ontario, Canada. Assistant Logging Superintendent, Woodlands Laboratory—Abitibi Powr & Paper Co., Ltd.
- BRENDEMUEHL, RAYMOND HUGO. B.S. (Minn.), M.F. (Purdue), Ph.D. 1957. 706 Spring Street, Mariana, Florida. Research Forester, Southern Forest Experiment Station.
- BRENTON, STEVE L. B.S. 1967. Box 152, Red Oak, Iowa 51566. District Forester, Iowa Conservation Commission.
- BREON, DUANE GILBERT. B.S. 1956. Heber Job Corps Conservation Center, Heber, Arizona 85928. Center Director—U.S. Forest Service Sitgreaves National Forest.
- BREUER, VLADIMIR, JR. B.S. (N.Y.), M.S. 1941. 142 Beverly Road, Syracuse, New York. U.S. Plywood Corporation.
- BRIDEN, DONALD C. B.S. 1947. 1623 Riviera Drive, Redding, California.
- BRINCK, ROGER PHILLIP. B.S. 1959. P.O. Box 1661, Santa Fe, New Mexico 87501. Budget & Accounting Analyst, U.S.D.A. Forest Service, Santa Fe National Forest.
- BRINKMAN, KENNETH ALLAN. B.S. 1936, M.S. 1937. 1034 Simpson Street, St. Paul, Minn.—55113. Research Forester—Silviculturist, Central States Forest Experiment Station, Forest Service.
- BRISBIN, ROBERT LEE. B.S. 1961. 88 East Essex Avenue, Lansdowne, Pennsylvania. Research Forester N.E. For. Exp. Sta., Upper Darby.
- BROERMAN, BUD FREDERICK S. B.S. 1960, M.S. 1965. 7 Parkersburg Court, Savannah, Georgia. Research Union—Bag—Camp Paper Corporation, Box 570 Savannah, Georgia.
- BROWN, D. BRUCE. B.S. 1959, M.S. 1965. U.S.F.S., Entiat, Washington. Resource Assistant, U.S. Forest Service.
- BROWN, GREGORY NEIL. B.S. 1959, M.F. Yale, Ph.D. Duke. 1900 Iris Lane, Columbia, Missouri, 65201. Asst. Prof. of Tree Physiology—School of Forestry, University of Missouri.
- BROWN, KENNETH DUDLEY.
- BROWN, PERCY JAMES CARLYLE. B.S. 1940. 3435 S.W. Hamilton Ct., Portland, Oregon 97201. Forester, U.S. Bureau of Land Management.

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- BROWN, WILBERT EUGENE. B.S. 1952. 4719 32nd Avenue South, Seattle, Washington. *Assistant District Warden Washington State Division of Forestry.*
- BROWNFIELD, RUSSELL LYLE. B.S. 1935. P.O. Box 551, Anaconda, Montana.
- BRUGERE, GENE S. B.S. 1951. 300 North Euclid, Oak Park, Illinois 60302. *Area Manager, Osmose Wood Preserving Co.*
- BRUNDEN, MARSHALL NILS. B.S. Mich. St., M.S. 1962. P.O. Box 152, Oshtemo, Minn., 49077. *Great Northern Paper Company, Millinocket, Maine.*
- BRUNS, DAYLE ALBERT. B.S. 1950. 11331 N. Post Road, Omaha, Nebraska (68112).
- BUCHANAN, DEAN WILLIAM. B.S. 1954. 445 Spartman Ave. Duluth, Minn. 55803. *Recreation Staff Officer. U.S. Forest Service.*
- BUCHHOLZ, JAMES ALFRED. B.S. 1949. 539 Flamingo Avenue, Frankfort, Kentucky. *Manager, Special Studies—Division of Planning—Kentucky Highway Department.*
- BUCK, GEORGE ANDREW (Lt. Col.). B.S. 1942. Des Moines, Iowa 50012. *Retired Lt. Col., U.S.A.—High School Science Teacher.*
- BUCK, KURT JULIUS. B.S. 1922. 3634 Lafayette Ave., Omaha 31, Nebraska. *Battalion Executive Officer.*
- BUCKNER, WAYNE LEE. B.S. 1961. Box 821, Payson, Arizona. *Junior Forester, Clearwater National Forest.*
- BUGENHAGEN, JON LEWIS. B.S. 1962. Spooner, Wisconsin. *Forester, Wisconsin Dept. of Natural Resources.*
- BULMAN, JAMES S. B.S. 1960. 1027 North 8th Street, Chariton, Iowa. *District Forester State Conservation Commission.*
- BURGY, MARLOW PARKLIN. B.S. 1943. 945 E. King Road, Tomahawk, Wisconsin—54487. *Woodlands Manager—Mills Division Owens—Illinois Glass Co., Inc.*
- BURKETT, LUTHER B. B.S. 1930. Box 68, McNaughton, Wisconsin (54543). *Forestry Consultant (Retired USFS).*
- BURKLE, JOSEPH LAWRENCE. B.S. 1946. 1825 North Shirley, Tacoma 7, Washington. *Plant Superintendent Educators Manufacturing Company.*
- BURMA, GEORGE DICK. B.S. 1938. 4336 Morpheus Lane, Sacramento 25, California. *Range Manager U.S. Bureau of Land Management.*
- BURNS, JAMES ROBERT. B.S. 1951. 1018 Nighland, Magnolia, Arkansas, 71753. *Manager—Unit Structures, Inc.*
- BURNS, RICHARD ROY. B.S. 1952. 2466 Vivian, Lakewood, Colorado (80215).
- BURTON, JAMES DONALD. B.S. (W.Va.), M.F. (Yale), M.S. 1959. Sewanee, Tennessee. *Research Forester—Southern Forest Experiment Station.*
- BUSCH, WILLIAM HARRY. B.S. 1951. 8731 Stearns, Overland Park, Kansas. *Clerk, Wood Preserving Sales Long-Bell Division—International Paper Co.*
- BUSCHING, RICHARD WITT. B.S. 1940. Box 23, H.Q. ADC, Ent. AFB, Colorado, 80912.
- BYERS, WILLIAMS MARION JR. B.S. 1950. 356 1st Avenue North Park Falls, Wisconsin. *Forester, U.S. Forest Service.*
- BYRUS, WILLIAM CHARLES. B.S. 1954. 1086 Washington Road Mt. Dora, Florida (32365). *Assistant Forester—St. Joe Paper Company.*
- CAMERON, LEONARD HARRY. B.S. 1951. 1115 N.W. 36th Avenue Gainesville, Florida. *Treating Supervisor Koppers Company.*
- CAMPBELL, AARON. B.S. 1967. 3449 Crestwood Dr., Dubuque, Ia.
- CAMPBELL, DALE CALVIN. B.S. 1967, B.S. 1951. Box 319 Rt. No. 2, Broken Bow, Oklahoma. *Oklahoma Logging Supply, Dierks Forests Incorporated.*
- CAMPBELL, DONALD CLAR. B.S. 1952. 1 Gainscott Lane, Wil-lingboro, New Jersey, 08046. *Recreation Planner—Dept. of Interior, Bureau of Outdoor Recreation.*
- CAMPBELL, JACK GILBERT. B.S. 1947. 623 Meadowview Road, Forest Grove, Oregon. *Timber Sales Supervisor Oregon State Board of Forestry.*
- CAMPBELL, GORDON GLENN. B.S. I.S.U. '64, M.S. N.C. State '66, Ph.D. N.C. State '69. 306 Juniper, Park Forest, Illinois 60466. *Senior Research Chemist, Research Center, Sherwin Williams Paint Company, Research Center, Chicago, Illinois.*
- CAMPBELL, Leslie W. A. B.S. 1940. Box 796, Route 10, Houston 40, Texas. *Vice President Texas Gas Pipeline Company.*
- CAMPBELL, OLIVER FRANCIS JR. B.S. 1953, M.F. U. of Wash. 3640 Witham Hill Road, Corvallis, Oregon, 97330. *Marketing Manager, Evans Products Co., Corvallis, Oregon.*
- CAMPBELL, RICHARD BRAWLEY. B.S. 1935. 4315 Washington, Milwaukee, Oregon. *Forester—U.S. Bureau of Land Management.*
- CAMPBELL, SAMUEL LEROY. B.S. 1934. DECEASED.
- CAMPEN, ELTON RALPH. B.S. 1952. Star Route, Salem Springs, Wisc. *Industrial Forester.*
- CAREY, ROBERT EDWARD. B.S. 1949. 675 5th, Ogden, Utah.
- CARLSON, DENNIS. B.S. 1969. Biencoe, Iowa 51523. *U.S. Army—Engineer aboard fuel transport ship, Saigon, Vietnam.*
- CARLSON, HENNIN. B.S. 1936. 1411 Chrisway, Boise, Idaho 83706. *Staff Forester—Boise National Forest.*
- CARPENTER, ROBERT LEE. B.S. 1963. 103 North Iowa Street, Charles City, Iowa (50616).
- CARROLL, GARY LEROY. B.S. 1966.
- CARSON, BENJAMIN FRANKLIN. B.S. 1950. Star Route Loop Road #1, Box 788, Juneau, Alaska (99801). *Section Head Timber Sales Administration and Valuation—Regional Office U.S. Forest Service.*
- CARTER, STANLEY W. B.S. 1962. Dale Ranger Station, Dale, Oregon. *Timber Management Assistant, U.S. Forest Service.*
- CARTWRIGHT, JAMES ROBERT. B.S. 1952. Box 464—Wheatland, California. *Assistant Highway Engineer California Division of Highways.*
- CESAR, CHARLES FRANKLIN. B.S. 1950. 3413 Grandview Drive, Flagstaff, Arizona. *Owner, asphalt walk-driveway, etc. business.*
- CHAMBERS, WAYNE RUSSELL. B.S. 1939. 2260 Crestmoor Drive, San Bruno, California. *Manager—Photogrammetry—R. M. Towill, Inc. 612 Howard Street—San Francisco, Calif.*
- CHANCE, RICHARD LEE. B.S. 1954. W 312 Holland Rd., Spokane, Wash. 99218. *Working toward M.A. in teaching, Whitworth College—(just opened first Edie Adams' Cut & Curl franchise in Northwest), Spokane, Washington.*
- CHAPMAN, A. G. B.S. 1929. 616 Glenview Dr., Carbondale, Ill. 62901. *Chief, Division of Forest Management Research, Central States Forest Exp. Sta.*
- CHAPMAN, DOUGLAS ARTHUR. B.S. 1962. 616 Glenview Dr., Carbondale, Illinois 62901. *Quality Control Weyerhaeuser Company.*
- CHAPMAN, ROBERT C. B.S. 1951. 1212 W. Mount Dr., Tacoma, Washington, 98466. *Research Forester, Weyerhaeuser Company.*
- CHASE, CLARENCE DAVID. B.S. (Minn.), M.S. 1931. 2717 Delaware Southeast, Minneapolis 14, Minnesota. *Forester Lake States Forest Experiment Station.*
- CHELSTAD, MAGNUS E. B.S. 1955. 333 Madison, Ketchikan, Alaska, 99901. *Timber Staff Officer, U.S. Forest Service.*
- CHENEY, BRUCE DIXON. B.S. 1954, M.S. (Wis.). 3401 Lomar Dr., Port Horon, Mich. *Assist. Prof. of Elementary Ed. Michigan State U.*
- CHERRY, REV. JAMES LYLE. B.S. 1961. 5317 Oliver Avenue, Minneapolis, Minnesota 55419. *Kinsmen, Acting Director, Plymouth Christian Youth Center.*
- CHILCOTE, WILLIAM WESLEY. B.S. 1943, Ph.D. 1950 (Bot.). 3610 Van Buren Street, Corvallis, Oregon. *Associate Professor—Botany Dept. Oregon State University.*
- CHIPMAN, RUSSELL L. B.S. 1931. 904 East View Circle, Cleveland Tenn.—37311. *Forest Supervisor, Cherokee National Forest.*
- CHISHOLM, LYLE W. B.S. 1934. Cass Lake, Minnesota. *Agency Forester—Minnesota Agency Office of Indian Affairs.*
- CHRIST, DUANE M. B.S. 1953. 1-A Surrey Lane, Wappingers Falls, New York 12590. *Staff Instructor, Programming, IBM.*
- CHRIST, GERALD FRANK 1st LT. B.S. 1962. Peace Air Force Base 509th FMS, New Hampshire. *Lt. Aircraft Maintenance Officer U.S. Air Force.*
- CHRISTENSEN, GENE HARRY. B.S. 1964. O. C. Christensen, R.A. 17692204, 53rd. Co. 5th Stu. B.N. (O.C.) T.S.B. Parents Address: Route 4 c/o Harry A. Christensen, Mason City, Iowa.
- CHRISTENSEN, IRVING L. B.S. 1929, M.S. 1931. Box 21, Elkader, Iowa 52045. *Area Conservationist Soil Conservation Service.*
- CHRISTENSEN, JOHN IRVING. B.S. 1953. c/o River Basin Investigations, 207 N. E. Blvd. Apt. 1, Gainesville, Florida 32601. *Forester—River Basin Survey, Fla. Rivers U.S. Forest Service—SE—STPE.*
- CHRISTMAN, RICHARD DONALD. B.S. 1948, M.S.F. N.Y. 2710 Malcomb St. NW Apt. 404, Washington, D.C., 20008. *Chief, Division of Range and Forest Mang., U.S. Bur. of Land Man-*
- CHRISTOPHER, PETER A. B.S. 1960. 1030 Addison Street, Klamath Falls, Oregon. *Forester, Ochoco National Forest Box 255.*
- CHURCH, ROBERT EUGENE. B.S. 1948. 829 Alverdo, Jackson, Mississippi. *C.F.M. Forester, Mississippi Forestry Commission.*
- CLARK, EUGENE PAUL. B.S. 1948. *Western Auto Supply Company.*
- CLARK, HAL B. B.S. 1913. 5001 Nicholas, Omaha, Nebraska. *District Manager, A. E. Robinson Co., Irrigation Engineers.*
- CLARK, WENDELL PHILLIPS. B.S. 1952, M.S. 1956. 1418 Weller Way, Sacramento, Calif. 95818. *Asst. Chief of Forest Service, Forest Industrial Development.*
- CLARKE, EDWARD HUGH. B.S. 1942, M.S. (N.Y.). 2947 Hickory Street, Alexandria, Virginia. *Forest Utilization Service Pacific Northwest Forest and Range Experiment Station.*
- CLAUSEN, MELVIN DEAN. B.S. 1958. Box 187, R.R. #2, Cogan Station, Pa. 17728. *Forester, Pennsylvania Department of Forests and Waters.*
- CLAUSON, Robert D. B.S. 1956. 10938 West 59 Place, Arvada, Colorado. *Timber Management, Rocky Mt. Regional Office, Denver, Colorado, U.S. Forest Service.*
- CLAY, DONALD LAURENCE. B.S. 1950. Hampton, Iowa. *Farming.*
- CLAYCOMB, WILLIAM EMMETT. B.S. 1951. 307 Pine View, Montrose, Colorado. *Contact Administration, U.S. Bureau of Land Management.*
- CLEMENS, JOHN RAYMOND. B.S. 1940. Box 82—2127 37th Ave. Rt. 1, Missoula, Montana. *Cartographer (Photogrammetric) Division of Engineering.*
- CLINE, JAMES P. B.S. 1962. 8126 Renault Dr. S., Jacksonville, Florida. *Forester, Naval Air Station, Cecil Field, Florida.*
- CLINE, PATRICK DENNIS. B.S. 1967. 1108 So. 4th Apt. 27, Ames, Iowa, 50010. *Graduate Student—I.S.U.*
- CLINE, RUSSELL WARREN. B.S. 1959. 1969 Maple, Arnold, Missouri 63010.
- CLOCKER, EVERETT HALE. B.S. 1936. 1107 Marine Drive, Alexandria, Virginia. *Retired—U.S. Forest Service (11-1-69).*
- COCHRAN, PATRICK HOLMES. B.S. 1959. 946 S. 4th Street, Bend, Oregon, 97701.
- COCKRAN, THOMAS EUGENE. B.S. 1952. Rt. #5 Box 1016, Eugene, Oregon. *Timberland Manager, American Can Co., Halsey, Oregon.*
- COLBERT, FRANCIS T. B.S. 1948. 3310 S. Dexter, Denver, Colorado 80222. *Executive Secretary, American Society of Range Management.*
- COLLEN, DON ASHTON. B.S. 1955. Rt. 1 Box 150 A, Sedro—Wolley—Washington 98284. *Inventory Forester, Washington State Division of Forestry.*
- COLLISTER, LAURESS CHARLES. B.S. 1939. 1914 Sims, Topeka, Kansas 66604. *Manager, Tie & Timber Treating Dept. Atchison, Topeka & Santa Fe Railway.*



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- COMPTON, KENNETH CHARLES. B.S. 1936, M.S. (N.Y.). Gately Terrace, Madison, Wisconsin 53711. Staff Assistant, Laboratory Management; U.S. Forest Service, Forest Products Laboratory, Madison, Wisconsin.
- COMSTOCK, GILBERT L. B.S. 1958. 327 Cedar Lane, Longview, Washington 98632. Professional Specialist, Research Division, Weyerhaeuser Co.
- CONE, JOHN MILTON. B.S. 1965. R732 I-House, U. of Calif., Berkeley, Calif., 94721. *Peace Corps Volunteer.*
- CONE, RICHARD ALLEN. B.S. 1961. 200 S. Tyler, Pierre, South Dakota, 57501. *State Department of Agric., Pierre, South Dakota.*
- CONGER, RICHARD JENNINGS. B.S. 1956. 5223 West Willow Road, Brown Deer, Wisconsin 53223. *District Sales Manager—Koppers Company, Inc. Unit Structures Department.*
- CONKLIN, WILLIAM F. B.S. 1958. 508 North 14th Street, Gunnison, Colorado. *Assistant District Ranger, Arapaho National Forest.*
- CONNOR, ROBERT CHARLES. B.S. 1952. Route 1, Omaha, Ga. 31821. *Forest Manager—W. C. Bradley Company, Columbus, Georgia.*
- COOK, CHARLES FRANKLIN B.S. 1949. *Manager, Retail Yard—Edward Hines Lumber Company—Highland Park, Illinois.*
- COOK, DAN WILLIAM. B.S. 1966. 2nd Lt. 092634, B.O.Q. 674, Room 131 N.A.S., Pensacola, Florida.
- COOK, FRANCIS JOSEPH. B.S. 1939, M.F. Michigan. 402 Gates Street, Salisbury, North Carolina. *Owner—F. J. Cook, Forest Products.*
- COOK, HENRY CHARLES FREEMAN. B.S. 1937. P.O. Box 324, Margarita, Canal Zone. *All Weather Estate (rubber plantation).*
- COOL, BINGHAM MERCUR. B. S. (La State) M.S. 1941. 213 Wyatt, Clemson, South Carolina. *Professor of Forestry, Clemson University.*
- COON, JOHN DALE. B.S. 1965. 615 Euclid, Rock Springs, Wyoming. *Bureau of Land Management Lander, Wyoming.*
- COONS, HAROLD S. B.S. 1932. *Assistant Regional Forester, U.S. Forest Service.*
- COOP, NEWTON KEITH. 313 South 7th Street, Mayfield, Kentucky. *Service Forester.*
- COOPER, GLENN ADAIR, JR. B.S. 1953, M.S. 1959. Route 2, Carterville, Illinois. *Forester—Carbondale Research Center Central States Forest Experiment Station.*
- COOPER, TERENCE GRANT. B.S. 1959. 520 New River Drive, Jacksonville, North Carolina. *Base Forester, U.S. Marine Corps Base, Camp Lefeuve, N.C.*
- CORBIN, WILLIAM EDWARD. B.S. 1952. 321 N. Cedar Street, Monticello, Iowa. *Corbin's Forestry Service.*
- CORMANY, CONRAD P. B.S. 1921. 175 De Windt Road, Winnetka, Ill. 60093. *Self Employed (Wholesale lumber).*

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- CORNELL, HARVEY HIRAM. B.S. 1916. 151 E. Barcelona Road, Santa Fe, New Mexico. *Chief Landscape Architect.*
- CORNWELL, WILLIAM GLEN. B.S. 1937. Pender, Nebraska. *U.S. Post Office.*
- CORPORON, LAVERN RONALD. B.S. 1962. R.F.D., Sheffield, Iowa.
- CORRELL, LYNNE M. B.S. 1925, M.S. 1926. 5 Arlington Avenue, Berkeley 7, California.
- CORRIGAN, CLAYTON HENRY. B.S. 1954. S 281—6, Coman Street, A.P.O. Seattle, Washington 98737. *Aircraft Commander—U.S.A.F. (SAC).*
- COSGRIFF, KENNETH LEE. B.S. 1956. 113 Morro Blvd., Chesapeake, Va. *General Foreman—Koppers Company (Wood Preserving Division).*
- COUNTRYMAN, DAVID W. B.S. 1966. 1837 Seifert Drive, Poplar Bluff, Missouri 63901. *Staff Forester in charge of Recreation, VIS and related activities, U.S. Forest Service, Poplar Bluff Ranger District.*
- COUNTRYMAN, DAYTON W. B.S. 1940 LL.B. (Iowa) Route 1, Nevada, Iowa 50201. *Lawyer.*
- COVAULT, JERRY DEAN. B.S. 1960. *Forest Service, Dillon, Colorado. Forester, Siskiyou National Forest.*
- COX, DONALD EVANS. B.S. 1936. 698 Doren Drive, South Ogden, Utah 84403. *Special Assistant to Chief of Timber Mgt. USFS—Intermountain Region, Ogden, Utah.*
- COX, ROYCE GORDON. B.S. 1939. 823 Gull, Lewiston, Idaho. *Managing Forester—Potlatch Forests, Inc.*
- COYLE, CHARLES JOSEPH. B.S. 1953, M.A. (Iowa). 718 Sherman Avenue, Ackley, Iowa.
- CRAFT, ROLAND EDWARD. B.S. 1951. 710 Ross Street, Couderport Pennsylvania. *Management Forester—West Virginia Pulp and Paper Company.*
- CRANE, CARL KARL. B.S. 1951. 665 Marcia Avenue, Hamilton, Ohio. *Sales Representative—Pease Woodwork Company (Homes Division).*
- CRANSTON, R. KEITH, SR. B.S. 1936. 401 Huddleston, Leland, Mississippi. *Consulting Forester—Keith Cranston and Associates—Self employed.*

## Portraits & Application Photos

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AMES, IOWA

- CRAVEN, WILLIAM HENRY. B.S. 1948. 19 Beverly Road, West Hartford, Conn. 06119. *Ingersoll Milling Machine Company.*
- CRELLIN JOHN SQUIER. B.S. 1953. Box 722—Route 1, Albuquerque, New Mexico. *District Ranger—Carson National Forest.*
- CROOK, EUGENE MASON. B.S. 1941. H.Q. USEUCOM, APO New York, New York 09128. *U.S. Air Forces—Major.*
- CROW, THOMAS RALPH. B.S. 1965, MS 1966 (U. of Mich). 1685 Taylor Ave., St. Paul Minn. *Studying at U. of Minnesota.*
- CROWTHER, CHARLES RICHARD. B.S. 1947, M.S. 1956. 1030 Ash St., Hancock, Michigan 49930. *Associate Professor—Michigan Tech. Univ. Dept. of Forestry.*
- CRUMBAUGH, JOHN HOWARD. B.S. 1946. 22 Indian Drive, Clarendon Hills, Illinois. *Structural Engineer, Research and Development. U.S. Gypsum Company.*
- CUKURS, PAUL. B.S. 1958. P.O. Box 426, Oakridge, Oregon. *Pope & Talbot, Inc.*
- CUMMINGS, ROYAL EDWIN. B.S. 1938. Route No. 1, Lugoff, South Carolina. *Consulting Forester.*
- CURTISS, ROBERT LYLE. B.S. 1935. 6800 North 31 Street, Arlington, Virginia. *Head, Forestry Management Branch Natural Research Management Staff.*
- CUSHING, BARRY CHARLES. B.S. 1964. 251 So. 5 East, Price, Utah 84507. *Forestry—recreation specialist, Bureau of Land Management.*
- CUSHMAN, HOWARD ROBERT. B.S. 1950. 1845 Gottschalk Avenue, Homewood, Illinois. *Container Corporation of America.*
- CUTLER, VERN HARRISON. B.S. 1940. Box 104, Springfield, Georgia. *Assistant Forest Supervisor—Ogeechee Forest Union—Camp Corp.*
- DAHL, ERNEST AUGUST. B.S. 1941. 4121 Cornelia Street, Chicago 41, Illinois. *Cartographer—Rand McNally and Company.*
- DAHLQUIST ROBERT B. B.S. 1959. 1223 So. Columbia Rd., Tulsa, Oklahoma. *Retail Department—Long-Bell Division International Paper Company.*
- DAIB, LEONHARDT GEORGE. B.S. 1950. Grimes, Iowa. *Sloan-Pierce Lumber Company.*
- DALE, JIM ENOCH. B.S. 1952, M.S. 1954. P.O. Box 7, Wanamish, North Carolina. *Graduate Student.*
- DALE, MARTIN EUGENE. B.S. 1953, M.S. 1955 1111 Arizona Avenue, Ames, Iowa. *Forester—Central States Forest Experiment Station.*

DANIEL, PAUL L. B.S. 1957. 210 Hayward, Ames, Iowa 50010. *Upholstering Service.*

DANIELSON, WILLARD WILMER. B.S. 1947. Box 9145, Plaza Station, Greensboro, N. Carolina, 27408.

DANNEN, DWIGHT LEONARD. B.S. 1935. 9 Eastwood Dr., St. Joseph, Missouri. *President—Dannen Mills, Inc.*

DANNENBERG, WALTER WILLIAM. B.S. 1937. 1797 Marigold, Greenville, Mississippi. *Timber Buyer and Land Manager, U.S. Gypsum Company.*

DAVID, DONALD EUGENE. B.S. 1937. 3416 S.W. 35th, Des Moines, Iowa. *Contract Plumber.*

DAVIS, EDWARD M. B.S. 1918, M.S. 1925. 3121 Oxford Road, Madison, Wisconsin. *Retired.*

DAVIS, WILLIAM E. *Deceased (Feb. '65).*

DEAN, LAUREN WHITE. B.S. 1940. Route No. 1, Cambridge, Iowa. *Goodyear Tire & Rubber Company, Ames, Iowa.*

DEBOWER, RICHARD M. B.S. 1930. 1331 Wilnot Deerfield, Illinois. *Teacher—Chicago School System.*

DEFORE, ROBERT CHARLES. B.S. 1940. 806 24th Street, Apt. 6, Ames, Iowa. *Teacher-Coach—Ames School System.*

DEINEMA JOHN WILLIAM. B.S. 1949. 3180 Somerset Drive, Lafayette, Calif., 94559. *Director Division of Job Corps Adm.—U.S. Forest Service, Washington Office.*

DEJONG, TENAS. B.S. 1952. 2408 Seville, Anaheim, California. *Sales Representative—Long-Bell Division International Paper Company.*

DEKALB, VICTOR MEREDITH. B.S. 1949. 2845 Madera Way, Pleasant Hill, California 94523. *Regional Office—Engr. Prog. & Planning USFS, San Francisco.*

DEMING, MILO HENRY. B.S. 1920. *Deceased (Sept. 65).*

DENMARK, EARLE EDWARD. B.S. 1949. 1214 Edgewood Lane, Northbrook, Illinois. *Sales Representative—Hill-Behan Lumber Company.*

DENNEY, RICHARD DELBERT. B.S. 1967. 906 S. Main Street, Marion, Va., 24354.

DERR, HAROLD JOHN. B.S. 1940. 4610 Woodlawn Drive, Pineville, Louisiana. *Research Forester—Southern Forest Experiment Station.*

DERUYTER, GEORGE M. 5970 West 5th Street, Denver, Colorado 80226.

DEVAUL, FRANKLIN DAY. B.S. 1956. 3035 Hawthorne St. Longview, Washington 98632. *Factory Production Supervisor.—Long-Bell Division, International Paper Co.*

DEVAULT, DARRELL. 3503 Crittenden Street Zone 8, St. Louis, Missouri.

DEVILBISS, JOHN M. B.S. 1964. Box 386, LaPorte, Colorado, 80535. *Grad student, Dept. of Economics, Colorado State University.*

DEWEY, RALPH EUGENE. B.S. 1948. 913 Early Street, Sac City, Iowa. *Work Unit Conservationist—Soil Conservation Service.*

DEYOUNG, CLARENCE EDWIN. B.S. 1937. R.R. 2, Ames, Iowa. *Asst. Material Engineer. Iowa Highway Commission.*

DILLMAN, JACK KENT. B.S. 1961. 1222 E. 17th Street, Marshfield, Wisconsin, 54449. *Quality Control, Veneer and Plywood Division, Weyerhaeuser Timber Co.*

DILWORTH, JOHN RICHARD. B.S. 1937, M.S. 1938. 3610 Harrison, Corvallis, Oregon. *Head, Department of Forest Management School of Forestry, Oregon State University.*

DIRKS, RONALD JOHN. B.S. 1947. Box 300, Malden, Missouri. *Farming.*

DITTMAN, WILLARD HOWARD. B.S. 1951. P.O. Box 743, Fairfield, California. *Production Manager—Halocarbon Products Company.*

DODGE, ALBERT FRANCIS. B.S. 1931. 714 Stanton Avenue, Ames, Iowa. *Research Horticulturist—U.S. Plant Introduction Program.*

DODGE, RODNEY E. B.S. 1957. NAT TAD ARSEC MAAG ROC., APO San Francisco, Calif 96263. *Military Service.*

DONAHOO, JOHN F. B.S. 1918. Apt. 538, 730 Capt. Cook Avenue, Honolulu 13, Hawaii 96813. *Retired.*

DONAGHU, WILLIAM BRUCE. B.S. 1966. 121 Maxson Drive, West Liberty, Iowa 52776.

DOOLITTLE, DARLE MANSON. B.S. 1949. 10906 Valley, Omaha, Nebraska, 68144. *Sales Representative, Continental Forest Products Co. (Wholesale Lumber).*

DOOLITTLE, RICHARD CARROLL. B.S. 1962. Rt. 3, Box 173, DeQueen, Ark., 71832.

DOOLITTLE, WARREN TRUMAN. B.S. 1946, M.S. (Duke), Ph.D. (Yale). 1142 Waterloo Road, Berwyn, Pennsylvania 19312. *Asst. Director, Northeast Forest Ex. Station, U.S. Forest Service, Upper Darby, Pa.*

DORAN, SAM WYATT. B.S. 1949. 2920 Country Farm Road, Eugene, Oregon. *Forester—U.S. Bureau of Land Management.*

DORMAN, KEITH W. B.S. 1934. 73 Gibson Rd., Asheville, N.C. *Silviculturist, Southeastern Forest Ex. Station.*

DORMAN, MERLE LESLIE. B.S. 1940. Route 1, Perry, Iowa. *Farming.*

DORSETT, GEORGE LEHNER. B.S. 1943, M.S. 1949. 1305 West 35th, Pine Bluff, Arkansas, 71601. *Retired.*

DOSE, JOSEPH CHARLES. B.S. 1952. 1649 Sherwood Pl., Eugene, Oregon. *Division of Forest Management, U.S. Bureau of Land Management.*

DOUGHERTY, FRANK GRAY. B.S. 1950. USFS Ranger Station, P.O. Box 38, Tonasket, Washington 98855. *District Ranger—Umtilla National Forest.*

DOWD, LEE W. B.S. 1948. 2116 14th, Chehalis, Washington 98532. *District Conservationist, USDA-Soil Conservation Service.*

DOWNEY, DANIEL ANDREW. B.S. 1949. *Factory Superintendent—Long-Bell Division, International Paper Co.*

DOWNEY, EARL. B.S. 1935. *Deceased 1-19-69.*

DRIER, GORDON. B.S. 1969. Rt. 4, Box 1820, Libby, Montana 59923. *Forester for St. Reg's, Paper Company.*

DREXLER, ROBERT EARL. B.S. 1949. Rt. 4, Paris, Tennessee. *T.V.A. Forester, Land Between Lakes.*

DUBOIS, RICHARD PHARES. B.S. 1940. 111 McClellan, Grayling, Michigan. *Lumber Salesman—Pierson-Davidson Lumber Co.*

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DUERR, WILLIAM ALLEN. B.S. 1934, M.S. (Min.), M.A. (Harvard), Ph.D. (Harvard). 121 Windsor Place, Syracuse 10, N.Y. *Chairman, Department of Forestry Economics, College of Forestry, State University of New York.*

DUNCK, RICHARD LOUIS. B.S. 1940. 201 Wabash Avenue, Belleville, Illinois. *Training Specialist—Department of Army, St. Louis, Missouri.*

DUNN, MILFRED RAYMOND. B.S. 1933. *Address Uncertain.*

DUNN, PAUL M. B.S. 1923, M.S. 1933. Box 1142, Corvallis, Oregon 97330. *Retired.*

DURRELL, GLEN R. B.S. 1925. 1324 N. Washington, Stillwater, Oklahoma. *Head, Department of Forestry, Oklahoma State University.*

DUSKIN, DONALD LEE. B.S. 1960. 433 N.E. Boston, Roseburg, Oregon. *Forester—Bureau of Land Management.*

DYKSTERHIUS, EDSKO JERRY. B.S. 1932. 3807 Oaklawn, Bryan, Texas. *Chief, Range Division, Soil Conservation Service.*

DYKSTRA, GARY F. E.S. 1964. Ames, Iowa. *Graduate student Iowa State University Dept. of Forestry.*

DYKSTRA, SYLVANNUS PETER. B.S. 1938. 1750 South Brookview, Lane, Palatine, Illinois. *President—Duken Lumber Company, 520 North Michigan Avenue, Chicago, Ill.*

DYRLAND, RICHARD DEAN. B.S. 1959. U.S. Forest Service, Rm. 213, Natural Resources Bldg. MSU, East Lansing, Michigan 48828. *Staff assistant to the director Division Watershed Management, U.S. Forest Service, Washington, D.C.*

EASTER, GILBERT H., Jr. B.S. 1963. U.S. Forest Service, Stonyford, California. *Forester, U.S. Forest Service, Stonyford, California.*

EBERT, GEORGE HENRY. B.S. 1952, M.S. 1965. 2114 Greenbrier Circle, Ames, Iowa. *Short Courses & Conferences Chm., Iowa State University.*

ECKER, EUGENE F. B.S. 1956. 219 N. 9th Apt. 50A, Gunnison, Colorado 81230.

ECKHART, RUFUS FRANKLIN. B.S. 1941. Route 1-B, Spencer, Iowa. *Farming.*

ECKSTEIN, JOHN HENRY. B.S. 1950. Dinuba, California. *Ivory Pine Company.*

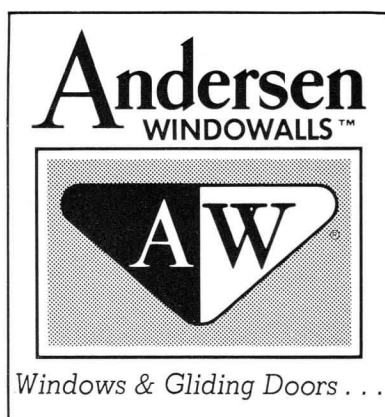
EDGREN, JAMES W. B.S. 1957, M.S. (Pl. Path.). 6424 North East 38th, Portland, Oregon. *Forest Pathologist—Pacific N.W. For. & Range Experiment Station.*

EDMUNDS, MERRILL B. B.S. 1940. Star Route No. 2, Bonners Ferry, Idaho. *Owner, Wood Business.*

EHLERS, LAWRENCE JOHN. B.S. 1965. RA 15764494, Co. A/82nd Engr. BN., APO New York. *Assistant Ranger, Zaleski State Forest, Zaleski, Ohio.*

EHRENHARD, CLAYTON COEN. B.S. 1937. Fremont, Iowa. *Farming.*  
 EHRLICH, GLENN HOWARD. B.S. 1953. Box 31, Mescalero, New Mexico. *Fire Control Officer—Bureau of Indian Affairs.*  
 EINSPAHR, DEAN WILLIAM. B.S. 1949, M.S. 1950, Ph.D. 1955. 1713 East Marquette Street, Appleton, Wisconsin. *Pulp and Paper Institute, Institute of Paper Chemistry—Chief, Genetic & Physiology Group.*  
 EINSPAHR, WILLIAM EDWARD. B.S. 1967. 3503 Lincoln Way, Ames, Iowa, 50010. *Military Service.*  
 EISLER, LEO. B.S. 1942. 35 Clinton Avenue, Westport, Conn. *Orchid Grower.*  
 ELLERHOFF, MANFRED ARTHUR. B.S. 1936. 2601-48th Street, Des Moines, Iowa. *Chief, Division of Lands and Waters—Iowa Conservation Commission, 7th & Court, Des Moines, Iowa.*  
 ELLISON, MARLON LOUIS (Lt. Col.). B.S. 1940. University of Tampa, Tampa, Florida. *Asst. Professor of Biology, University of Tampa.*  
 ELLSWORTH, NELSON RUTHVEN. B.S. 1950. Spencer, Iowa. *Shoenman Brothers Lumber Company.*  
 ELSTON, LLOYD M. B.S. 1936. 1516 Bonforte Blvd., Pueblo, Colo.  
 ENGELKING, TRUMAN GRANZON. B.S. 1939. Box 972, Nacogdoches, Texas 75961. *General Manager—East Texas Wood Treating Company.*  
 ENGSTROM, WILBUR HAROLD. B.S. 1943. 1355 Modrona Ave. S.E., Salem, Oregon 97302. *Forester—Oregon State Board of Forestry.*  
 ENOS, EDWARD JR. B.S. 1949. 3942 Hillview Road, Santa Maria, California.  
 ERICKSON, PALMER EUGENE JR. B.S. 1950. R.F.D.—Jewell, Iowa. *Owner, Operator—Mink Ranch.*  
 ESCHNER, ARTHUR. B.S. (N.Y.), M.S. 1952. 216 Pelham Road, DeWitt, New York 13214. *Assoc. Prof. N.Y. State Coll. of Forestry.*  
 ETHINGTON, ROBERT LOREN. B.S. 1957, M.S. (T. & AM), Ph.D. 1963. 4110 Euclid Ave., Madison 5, Wisconsin 53711. *In charge of Wood Properties Research, U.S. Forest Products Laboratory.*  
 EVANS, JOHN DELACEY. B.S. 1950. 1543 Carlton, Portland, Ore. 97212. *Forester—U.S. Bureau of Land Management.*

FELKER, RALPH HERMAN. B.S. 1936, M.S. 1938. 1690 N. Lambert Lane, Provo, Utah. *Area Conservationist, Soil Conservation Service.*  
 FELLOWS, ALBERT MILTON. B.S. 1955. Saschsewring 47, 5 Koln, Germany. *European Representative for American Plywood Corporation.*  
 FELTON, LAWRENCE C. B.S. 1938.  
 FENNELL, ROBERT E. B.S. 1922. 951 N. Irvington, Indianapolis, Indiana 46219. *Retired—Life Underwriter, Prudential Insurance Company of America.*  
 FERRELL, RAYMOND SMITH. M.S. 1966  
 FERGUSON, JOHN GOULD. B.S. 1938. 640 Pammel Court, Ames, Iowa. *Manager, Farm and Town Lumber Company.*  
 FERGUSON, LEWIS KIRBY. B.S. 1936. 703 N. Woodworth St. Algona, Iowa. *Iowa Highway Commission Senior Right-of-Way Agent.*  
 FERGUSON, NORMAN BRUCE. B.S. 1960. 1200 Crown Court, Charlotte, North Carolina.  
 FERREE, MAX E. B.S. 1957. 5117-49 Avenue N. Minneapolis 22, Minnesota. *Catalin Corporation of America.*  
 FICKE, JAMES EDWARD. B.S. 1959. 628 W. Sixth Street, Leadville, Colorado 80461. *District Ranger, Leadville District, San Isabel N. F., U.S.F.S.*  
 FICKEN, LYLE DWAYNE. B.S. 1960. 4319 Gary, Klamath Falls, Oregon.  
 FIELDS, BOB LEE. B.S. 1959. 123 Dartmouth St., Warren, Pa. 16365. *Forestry, Mark Twain National Forest (U.S.F.S.)*  
 FIGHT, ROGER D. B.S. 1966. 6A University Houses, Madison, Wisconsin 53705. *Full-time Project Assistant, University of Wisconsin.*  
 FINCH, CLIFFORD DEAN. B.S. 1950. 606 Fir Street, Coulee Dam, Washington 99116. *Forester, U.S.D.I. Bureau of Indian Affairs.*  
 FINLEY, JACK ALBERT. B.S. 1950. 512 152nd. East, Tacoma 44, Washington. *Douglas Fir Plywood Association.*  
 FIRCH, GARY F. B.S. 1964. 2813 Manor Dr., Apt. 19, Placerville, Calif. 95667. *Program Analyst, U.S. Forest Service.*  
 FISCHER, CRAIG ALLEN. B.S. 1964. 7330 Stockton El Cerrito, Calif. 94530. *Graduate Student.*  
 FISH, JOHN ARTHUR. B.S. 1952. Iowa Conservation Commission, Maxwell, Iowa. *Assistant Superintendent Federal Aid, Iowa Conservation Commission.*



## ANDERSEN CORPORATION

BAYPORT, MINNESOTA 55003

EVENSON, JOHN OLE. B.S. 1955. 5847 Glen Hill Drive, Bethel Park, Pennsylvania 15102. *Reg. Manager—Northern Region, Koppers Co.—Pittsburgh, Pennsylvania.*  
 EVERSON, ALAN RAY. B.S. 1965. 3853 Research Park Dr., Ann Arbor, Michigan 48104. *Recreation Resource Specialist Bureau of Outdoor Recreation.*  
 EWANOSKI, STANLEY. B.S. 1942. P.O. Box 83, Kernville, California. *Lassen N.F., Susanville, Calif.*  
 EWERS, KEITH FORSYTHE. B.S. 1948. 1515 Ardmore, Modesto, California.  
 EWING, ARNOLD DEAN. B.S. 1950. Box 7, 5C, Rt. 2, Creswell, Oregon. *Forester—Western Forest Industries.*  
 FABER, LESTER FRANCIS. B.S. 1940. 7700 Holiday Terrace Bethesda, Md. 20034. *Recreation Resource Specialist—Bureau of Outdoor Recreation, U.S. Dept. of Interior.*  
 FAGO, CLIFFORD E. B.S. 1958. P.O. Box 67, Kelseyville, California. *Forest Manager—Boggs Mountain State Forest, California Division of Forestry.*  
 FAILOR, GENE A. B.S. 1961. 308 Cross Street, Oneida, Tennessee. *Adhesive Supt.—Tibbals Flooring Company.*  
 FALB, JOHN HOWARD. B.S. 1940. Butterfield Lane, Flossmoor, Illinois. *Manager—Cook County Lumber Company, 130th Street at Indiana Avenue, Chicago, Illinois.*  
 FRUEK, LEO. B.S. 1963. Parsons, West Virginia. *Forester—U.S. Forest Service, Cheat Ranger District.*  
 FARIDAY, WAYNE BLISS. B.S. 1940. 1268 70th Street, Des Moines, Iowa, 50311.  
 FARNSWORTH, CLINTON EUGENE. B.S. 1926, M.F. (Yale), Ph.D. (Mich.). 1219 Lancaster Avenue, Syracuse 10, New York. *Professor—College of Forestry, State University of New York.*  
 FARRIS, WILLIAM A. B.S. 1960. 1433 17th St. West Des Moines, Iowa 50265. *Assistant State Forester, Iowa Conservation Commission.*  
 FASSETT, JIM FRANKLYN. B.S. 1950. R.R. No. 3, Webster City, Iowa. *Mink Farmer.*

FISHER, ALAN KEITH. B.S. 1950. 1706 2nd St., Le Grande, Ore. *Asst. Regional Mgr., Boise Cascade Corp.*  
 FISHER, ROY ROBERT, Jr. B.S. 1947. 425 E. George Washington, Davenport, Iowa.  
 FISK, CARROLL V. B.S. 1940. Box 231, Farmington, New Mexico 87401. *Retired.*  
 FIXSEN, WALLACE GEORGE. B.S. 1950. Box 507, Shosone, Idaho, 83352. *District Forester, U.S. Bureau of Land Management.*  
 FLEMING, LESTER CLYDE. B.S. 1951. Runnells, Iowa. *Coordinator of County Conservation Act., State Conservation Commission.*  
 FLEMING, RICHARD EDWIN. B.S. 1952. 2809 Scenic Drive, Modesto, California 95350.  
 FLETCHER, RALPH A. B.S. 1920. 216 Orange St., Apt. No. 7, Oakland, California. *Fireman's Fund Ins. Company.*  
 FLICK, FRANCIS JOSEPHINE. B.S. 1939, B.S. (Syracuse), (Lib. Science). 1819 Douglas, Ames, Iowa. *Librarian, National Animal Disease Lab.—U.S. Department of Agriculture, Post Office Box 70, Ames, Iowa.*  
 FOAH, MARIO L. B.S. 1943. 257 Rose Court, Ridgewood, New Jersey. *Importer.*  
 FOLEY, CLETUS D. B.S. 1963. 8 Castle Dr., Hockset, N.H. District Sales Representative, Caterpillar Tractor Co.  
 FOLLEN, WILLIAM FRANCIS. B.S. 1937. 204 Carmel Avenue, Jackson, Mississippi. *Sales Manager, Warren Wood Lumber Company.*  
 FONKEN, ALLAN D. B.S. 1963. Rt. 2, Box 426A, Coeur d'Alene, Idaho 83814. *Forester, Bureau of Land Management.*  
 FORMAN, LAWRENCE PAYNE, Jr. B.S. 1952. Box 289, Rifle, Colorado 81650. *District Ranger, White River National Forest.*  
 FORNEY, JOHN LATIMER. B.S. 1951. Route 1, Bridgeport, New York.  
 FORTIER, JOHN ALAN. B.S. 1963. *Trainee—Supervisor—Koppers Company, Inc., Carbondale, Illinois.*  
 FRANKLIN, ROBERT PORTER. B.S. 1958. 1689 Georgia Street, Salem, Oregon 97302.



- FREDERICKSON, PAUL WENDELL. B.S. 1952. 13375 N.W. Pettygrove St., Portland, Oregon.
- FREEL, RICHARD DEAN. B.S. 1958. 3474 Gaines Lane, Anderson, California 96007. *Reality Specialist, Bureau of Land Management.*
- FREEMAN, FRANK G. B.S. 1911. 1928 Greenleaf Street, Santa Ana, California. *Insurance.*
- FREES, MARY SCHWARTE (Mrs. Donald). B.S. 1957. 253 Village Drive, Ames, Iowa. *Housewife.*
- FRENCH, ROSCOE JOHN. B.S. 1940. 122 South Pennsylvania Ave., Belleville, Illinois. *U.S. Air Force—In charge compilation section, Aeronautical Chart & Information Center, St. Louis, Missouri.*
- FREY, JOHN H. B.S. 1969. 4427 Tutwiler, Memphis, Tenn. *Administrative Training Program, Owens-Illinois.*
- FRITCH, KATHLEEN CLARK. B.S. 1956. 72 Riverview, Durango, Colorado. *Housewife.*
- FRITCHER, EARL EDWIN. B.S. 1950. 10721 Art Street, Sunland, California. *Chief Structural Engineer on Antelope Valley Freeway Project.*
- FROELICH, JOHN L. B.S. 1939. 1821 North Mobile Ave., Chicago, Illinois 60639. *Forester (Landscape Development), Forest Preserve District of Cook County, Illinois.*
- FRUEH, LEO HENRY. B.S. 1963. 530 Clarke Drive, Dubuque, Iowa. *R. S. Bacon Veneer Co., Hubbard Walnut Division, Dubuque.*
- FRY, HARRY JOSEPH. B.S. 1951. 734 S. Vine Street, Orrville, Ohio. *Treating Supervisor—Koppers Company, Inc.*
- FULLERTON, NEIL. B.S. 1927. Box 331, Thompson Falls, Montana.
- FULTON, MAX DEWAYNE. B.S. 1953. Box 356, Grand Rapids, Minn. 55744. *Assistant District Manager (Woodlands) Mosinee Paper Mills Company.*
- FYE, DAVID JOHN. B.S. 1950. Fredericksburg, Iowa, 50630. *Student Supply Pastor, Hopkinton Methodist Church.*
- GABRIELSON, OSCAR UDELL. B.S. 1950. Jewell, Iowa.
- GAGEN, MICHAEL HENRY. B.S. 1962. 3519 Dey Avenue, Cheyenne, Wyoming 82002.
- GALEY, CARL DELBERT. B.S. 1945. Division Maintenance Engineer, Iowa Highway Commission, P.O. Box 107, Centerville, Iowa.
- GALLAHER, WALLACE BERT. B.S. 1949. 801 S. Pacific, Dillon, Mont. 59725. *Forest Supervisor, Beaverhead N.F.*
- GANZER, PAUL DAVID. B.S. 1967. 208 East Quarry, Maquoketa, Iowa, 52060.
- GARBER, LELAND EUGENE. B.S. 1965. 4225 South St. Rt. 48, West Milton, Ohio, 45383. *Programmer Trainee, Data Processing Dept., The National Cash Register Co.*
- GARDINER, EDMUND THOMAS. B.S. 1948. Box 134, Del Norte, Colorado. *Superintendent, Douglas Stands, Inc.*
- GARMEN, EDWARD JORDAN. B.S. 1943. 15505 Nordhoff, Apt. 109, Sepulveda, California. *Salesman—business machines, Friden, Inc.*
- CARVER, RAYMOND D. B.S. 1912 (Nebr.), M.F. 1932. 5822 Nevada Avenue N.W., Washington, D.C. 20015. *Retired in 1957 after 46 years with U.S.F.S.*
- GARVEY, JERRY. B.S. 1969. Peace Corps Volunteer, San Salvador, El Salvador, Central America.
- GASH, LARRY DWIGHT. B.S. Fall 1965. 110 West Glen Avenue, Logan, Iowa.
- GATES, EARL WILLIAM. B.S. 1939. 1106 Overlook Road, Marion, Indiana. *Owner—Gates Plywood Mart.*
- GATES, JACK GIFFORD. B.S. 1950. 1631-16th Avenue, Seattle 22, Washington. *Assistant Public Relations Director—Glue Division, American-Marietta, Inc.*
- GATHERUM, GORDON E. B.S. (Univ. of Wash.), M.S. (Utah State), Ph.D. 1959. 2727 Thompson Drive, Ames, Iowa. *Professor, Department of Forestry I.S.U.*
- GEISLER, MAX. B.S. 1916. *Deceased.*
- GERDES, ROBERT LEE. B.S. 1965. U.S. Forest Service, Petersburg Ranger District, North Tongass National Forest, Petersburg, Alaska.
- GERLACH, GEORGE MILLER. B.S. 1949. 9824 Overbrook Court, Kansas City, 13, Missouri (Shawnee Mission). *Home Builder, Lubnow Const. Co.*
- GETTY, RUSSEL ELIAS. B.S. 1936. M.S. 1951. R.R. 1 Gibbs-Indian Hill Roads, Manlius, New York, 13104 Professor and Chairman, Forest Management Department; New York State College of Forestry, Syracuse University.
- GEYER, WAYNE ALLAN. B.S. 1955. 905 Ivy Circle, Manhattan, Kansas. *Assistant Professor, Forestry; Horticulture and Forestry Department Kansas State University.*
- GIBSON, LAWRENCE MILFORD. B.S. 1933. 808 So. 7th Avenue, Park Falls, Wisconsin. *Sulphite Superintendent, Flambeau Paper Division, Kansas City Star Company.*
- GIFFEN, WILLIAM DUNCAN. B.S. 1932. 3007 Hickory Street, Alexandria, Virginia.
- GILL, JAMES MOORE. B.S. 1950. 480 131st St. N.E., Bellevue, Washington, 98004. *Lumber Buyer, The Wickes Lumber Co.*
- GILL, RONALD BLAINE. B.S. 1956. 655 Sheffield, Valparaiso, Indiana 46383. *Sales, Georgia-Pacific Corp., 10450 Waveland, Franklin Park, Illinois.*
- GILLET, GEORGE WILSON. B.S. 1940, M.F. (Calif.), Ph.D. (Calif.). *Department of Life Sciences, University of California, Riverside, California 92502. Professor of Botany, University of California.*
- GILMORE, RICHARD DUANE. B.S. 1965. Lisbon, North Dakota.
- GINGERICH, RAYMOND EARL. B.S. 1961. 2472 Pioneer Pike, Eugene, Oregon 97401. *Forester, Seneca Sawmill Co., Eugene, Oregon.*
- GJERSTAD, DEAN HAROLD. B.S. 1966. 3310 West St., Ames, Iowa. *Graduate Student.*
- GLADE, BERNARD WILLIAM. B.S. 1946. 1108 Oleta Street, Lufkin, Texas. *Chief Forester, Southland Paper Mills, Inc.*
- GLASER, DONALD EDWARD. B.S. 1951. Rt. 1, Box 358, Park Falls, Wis. 54552. *Assistant Nurseryman, Lower Michigan National Forest.*
- GLEASON, LOWELL SALEE. B.S. 1950, M.S. (Tex A & M), Ph.D. 1953 (not from I.S.U.). 1320 North Van Ness, Fresno, California 93728. *Plant Physiologist Monsanto Chemical Company.*
- GLESNE, NELS G. B.S. 1940. 1312 Stata St., Beardstown, Illinois 62618. *President-Casswood Treated Products Co.*
- GODDARD, DONALD W. B.S. 1949. 10907 Yolanda Ave., Northridge, California. *Purchasing Agent-Lumber/Forest Products, Larwin Southern California, 9100 Wilshire Blvd. Veverly Hills, California.*
- GOETZ, DAVID JOSEPH. B.S. 1966. 3029 60th Street S.W., Seattle, Washington 98116. *Simpson Timber Co., Sales Coordinator.*
- GOFF, CHARLES RAYMOND. B.S. 1954. 916 N.E. 66 Avenue, Portland 13, Oregon. *Forester, Gifford Pinchot National Forest.*
- GOINS, RICHARD ALAN. B.S. 1960. 612 South Apple, Marshfield, Wisconsin. *Laboratory Supervisor, Wood Products Division, Weyerhaeuser Co., Marshfield, Wisconsin.*
- GOLDBERG, JOE. B.S. 1939. 812 Palomas Drive, N.E., Albuquerque, New Mexico.
- GOODNER, THOMAS BENJAMIN. B.S. 1940. 5108 Bedford Avenue, Edina 24, Minnesota.
- GORDON, JOHN C. B.S. 1961. Rt. 4, Rhineland, Wisconsin 54501. *Plant Physiologist, North Central Forest Expt. Station.*
- GORDON, ROGER ROLAND. B.S. 1967. 374 Strategic Missile Squadron, Little Rock Air Force Base, Little Rock, Arkansas. *Deputy Missile Combat Crew Commander, U. S. Air Force.*
- GORE, JAMES LYLE. B.S. 1955. 8408 Ridgemont, Des Moines, Iowa.
- GOSSARD, DEAN CARLTON. B.S. 1949. Box 531, Williams, Arizona, 86046. *Coconino National Forest.*
- GOTTSACKER, JAMES HAROLD. B.S. 1960, M.F. (N.Y. State). Box 151, Washburn, Wisconsin.
- GOTTSCHALK, FRED WILLIAM. B.S. 1933, M.F. (Yale). *DECEASED (Nov. 1965).*
- GOWER, JOHN ALLEN. B.S. 1950. 1511 Bryn Maur Drive, Dayton 6, Ohio. *Salesman (Wholesale), Edward Hines Lumber Company.*
- GRAHAM, JAMES HARLOW. B.S. 1949. 1450 South Jay Street, Denver 14, Colorado. *Assistant Office Manager, New York Life Insurance Company.*
- GRANSON, JOHN ELLWOOD. B.S. 1937, M.S. 1938. 8817 Robin Drive, Des Plaines, Illinois 60016. *Director, Alumni Fund, Iowa State University.*
- GRAU, EDWIN HENRY. B.S. 1933. 719 Shattuck, Greenville, Mississippi. *Woods Operating Superintendent, U.S. Gypsum Company.*
- GRAU, MARTIN FRED. B.S. 1936. 1603 Dale Avenue, Altavista, Virginia. *Woodlands Manager, Virginia Timber Corp. (U.S. Gypsum Co.)*
- GRAU, ROBERT BODHOLDT. B.S. 1939 Box 157, Elkader, Iowa. *Owner—Sawmill & Logging Operation.*
- GRAVES, WALTER LEONARD B.S. 8213 Conn. Street, Albuquerque, New Mexico.
- GRAY, GORDON J. B.S. (Mich. St.), M.S. 1932. 621 Cody, Denver 15, Colorado. *Regional Office, U.S. Forest Service.*
- GREEF, CHARLES HILL. B.S. 1926. Box 385, Armarillo, Texas. *Owner Greef Lumber Sales*
- GREEN, DUANE LEROY. B.S. 1953. Box 761, Bottineau, North Dakota. *Assistant State Forester, North Dakota School of Forestry.*
- GREEN, JAMES RUSSELL. B.S. 1962. Box 424, Mancos, Colorado. *Forester—Piedra Ranger District, San Juan National Forest.*
- GRIFFITH, JOHN ENOS. B.S. (Penn. St.) M.S. 1942. Mississippi Products Inc., Jackson, Mississippi.
- GRIMES, GOUGH TAYLOR. B.S. 1940. 113 4th Street—Scotia, N.Y.
- GRIMES, PHILLMER DALE. B.S. 1950. 220 Franklin Park Drive, Boise, Idaho 83705. *Forester—U.S.F.S.*
- GRIST, RICHARD PAUL. B.S. 1949. 217 Park Avenue, Princeton, West Virginia. *Georgia Pacific Corp.*
- GRISWOLD, GERALD HUGH. B.S. 1931. 4111 Mt. Abraham Drive, San Diego, California, 92111. *Appraiser—U.S. Corps of Engineers Vicksburg, Mississippi.*
- GRISWOLD, RICHARD KING. B.S. 1954. 7006 Elkton Drive, Springfield, Virginia, 22150. *Forester, Division of Watershed Mat., Chief's Office.*
- GROOM, WAYNE JOSEPH. B.S. 1956 3806 South Austin Blvd., Cicero 50, Illinois.
- GROVE, HARRY LEE. B.S. 1947. 3255 W. Ridgewood, Portland, Oregon. *Manager—Industrial Wood Parts Development, Weyerhaeuser Company.*
- GRUENING, WILLIAM EDWARD, Jr. B.S. 1955. 5608 Oaktree, Kansas City, Missouri. *Dierks Forests, Inc.*
- GULICK, MILES JAY. B.S. 1952. Genl. Dely. Quincy, California. *Resource Officer (Deer, Range, W.L.) Plamas N.F.*
- GUSTINE, CLARENCE SIMPSON. B.S. 1938. 628 Harden Drive, Lebanon, Oregon. *Production Engineer, Cascades Plywood Corporation.*
- GUTCHER, DAVID EARL. B.S. 1961. Bend, Oregon. *U.S.F.S.*
- GUTCHER, DONALD GERALD. B.S. 1962. 5318 Lone Oak Road S.E., Salem, Oregon 97302. *Forest Engineer for Bureau of Land Management.*
- HAALAND, CARL JOHN. B.S. 1954. 34 Galt Lane, Ft. Rucker, Alabama 36360.
- HASS, RICHARD EUGENE. B.S. 1951. 504 Rosewood, Lufkin, Texas. *Forester—Southland Paper Mills, Inc.*
- HADACEK, ARTHUR FRANK. B.S. 1950. 4135 Sharolyn Drive S.W., Roanoke, Va. *District Ranger, Pisgah National Forest.*
- HADLOCK, FRANZ DILTON. B.S. 1918. M.E. 1923. Route 1—Rummerfield, Pa. *Retired.*
- HAEFNER, HENRY EARL. B.S. 1908. 4242 Northeast Failing St., Portland 13, Oregon. *Retired.*
- HAFENSTEIN, ERWIN. B.S. 1959. 1520 California Avenue, Klamath Falls, Oregon, 97601. *TMA Joseph R.D. Wallowa-Whitman N.F. U.S.F.S.*
- HAHN, OSCAR MAXIMILIAN. B.S. 1947. 7659 Long Pine, Springfield, Virginia, 22151.



- HAKENSON, CARL COY. B.S. 1950. 2912 Tennessee Street, Albuquerque, New Mexico.
- HALBLEIB, DUANE WHEELER. B.S. 1960. 601 Phelps Lane, Winter Park, Florida.
- HALBROOK, QUINCY X. B.S. 1947. 1019 Laurel St., Menlo Park, California 94025. Civil Engineer, Branch of Planning, Topographic Division, U.S. Geological Survey.
- HALEY, THOMAS JOSEPH. B.S. 1959. 725 Hill Street, Griffin, Georgia. *Military Service.*
- HALL, RICK. B.S. 1969. 602 G Eagle Heights, Madison, Wisconsin. 53705. Graduate student in forest genetics, University of Wisconsin.
- HALL, RUSSELL VERL. B.S. 1963. 1015 Charleston East Drive, Indianapolis 19, Indiana. *District Manager, Timber Structures, Inc. Sales.*
- HALVERSON, HOWARD G. B.S. 1960. U.S. Forest Service, Pacific Southwest Forest and Range xpt. Station. P.O. Box 245, Berkeley, California 94701. Research Forester, U.S. Forest Service.
- HAMBROCK, RICHARD LEE. B.S. 1959. Box 32, 351 W. Scott Street, Twin Peaks, California. *Recreation Planner—Shasta-Trinity National Forest.*
- HAMILTON, DAVID A., Jr. B.S. 1965. 1914½ Northwestern, Ames, Iowa. *Graduate Student.*
- HAMMER, MELVIN EUGENE. B.S. 1954. 2720 South Bonnyview, Redding, California. *Forester—Shasta-Trinity National Forest.*
- HAMMETTER, MAHLON C. B.S. 1967. Robinson Substation, Quicksand, Kentucky. Instructor, Forestry and Wood Technician School, University of Kentucky.
- HAMMOND, RUSSELL CLYDE. B.S. 1949. Route 132—Box 356B, Duluth, Minnesota. *Safety Engineer, Employers Mutuals of Wausau.*
- HANISCH, RICHARD LYLE. B.S. 1953. 5927 Twin Springs Drive, Boise, Idaho. *Safety Inspector, Employers Mutuals of Wausau.*
- HANKS, LELAND FARRIES. B.S. 1960. M.S. 1962. 75 W. Stanton Avenue, Worthington, Ohio. N.E. Forest Experiment Station—Forest Products Technologist U.S.F.S.
- HANNA, ROGER D. B.S. 1969. 5394 Greenplain Rd., Norfolk, Virginia, 23502. Ensign, U.S. Navy.
- HANNA, STEWARD PHILLIP. B.S. 1952. Box 1027—Burns, Oregon. *District Ranger—Malheur National Forest.*
- HANSEN, EARL HAROLD. B.S. 1944. 19720 S.W. Pike, Aloha, Oregon 97006. *Forester—U.S. Forest Service, Lower Michigan National Forest.*
- HANSEN, NORMAN JOHN. B.S. 1951. M.S. 1954. R.F.D. #1, Drakeville, Iowa. *Forestry Consultant, Mid-West Forestry Services.*
- HANSEN, RICHARD CARL. B.S. 1952. 507 S.W. 3rd Street, Stewartville, Minnesota. *Sales Representative, Frank Paxton Lumber Company.*
- HANSEN, ROBERT ARTHUR. B.S. 1950. Box 233, Snoqualmie Falls, Washington. *Forester and Engineer, Weyerhaeuser Company.*
- HANSON, DAVID CARL. B.S. 1961. Route No. 2, Box 717, Roseburg, Oregon 97470. *Forester, Bureau of Land Management.*
- HANSON, NATHANIEL B. B.S. 1929. 106 N. Canyon Drive, Redmond, Oregon. *Range Conservationist, Unitah and Ouray Indian Agency—U.S. Office of Indian Affairs.*
- HANSON, NEWTON FELIX. B.S. 1950. Memphis 1, Tenn., c/o Bruce Lumber Co., Bruce, Mississippi. E. L. Bruce Company, Memphis 1, Tenn.
- HANSON, ORLIN JAMES. B.S. 1952. c/o U.S.F.S., Roland, Iowa. *Forester—Klamath National Forest.*
- HANSON, RICHARD LEE. B.S. 1960. 100 Howard Avenue, Eugene, Oregon. *Forester—Bureau of Land Management.*
- HARBOUR, RAY R. B.S. 1938. 518 31st St. S.E., Cedar Rapids, Iowa 52403. *Farming.*
- HARCHARIK, DAVID A. B.S. 1965. 604 Bazare Street, Streator, Illinois (Planning duty in Peru with Peace Corps.) c/o *Proyecto Forestal, Apartado 1407, Cuerpo de Paz, Lima, Peru.*
- HARDCOPF, ROBERT WILLIAM. B.S. 1951, M.S. (Econ.). 2105 Linn Drive, Owatonna, Minnesota 55060. *University of Minnesota (Instructor).*
- HARDIE, HUGH BRYAN. B.S. 1959. 2914 E. 40th Street, Des Moines, Iowa. *Timber Appraiser, Mendocino County.*
- HARJULA, ANDREW M. B.S. 1967. 217 Erskine Ave. Toronto 12, Ontario, Canada. *District Naturalist, Ontario Department of Lands & Forests Parks Branch.*
- HARLEY, WILLIAM P. B.S. 1915. Deceased.
- HARMON, WENDELL HAROLD. B.S. 1932. Rt. 1, Box 39A, Beaver-creek, Oregon 97004. Retired (U.S. Forest Service) presently tree farm operator.
- HARRINGTON, DOUGLAS GRAVES. B.S. 1938. 202 N. Harrison, Pierre, South Dakota. *Range Manager, U.S. Indian Service.*
- HARRINGTON, THADDEUS ADRIAN. B.S. 1949. 1020 Arrendondo, Lake City, Florida. *Project Leader, Southern Forest Experiment Station, U.S.F.S.*
- HARRISON, C. LEWIS. B.S. (Colo. State), M.S. 1926. 9420 West 51st Avenue, Arvado, California.
- HART, EUGENE D. B.S. 1933, M.S. (Amer. Univ.), Ph.D. (Amer. Univ.). 516 E. Grace Apt. No. 3, Inglewood 4, California. *Associate Professor, School of Library Science, University of Southern California.*
- HARTMAN, GEORGE BERNHARDT, Jr. B.S. 1948. 3837 N.E. Liberty Terrace, Portland 11, Oregon 97211. *Forester, U.S. Bureau of Land Management.*
- HARTMAN, THEODORE AUGUSTIN, Jr. B.S. 1952. Ripplewood Resort, Big Sur, California. Owner, Ripplewood Resort.
- HARVEY, JAMES, Jr. B.S. 1953. P.O. Box 334, Grangeville, Idaho. *Assistant District Ranger, Helena National Forest.*
- HARVEY, RALPH ROBERTSON. B.S. 1935. 512 West South Street, Winterset, Iowa. *Soil Conservationist, Soil Conservation Service.*
- HASEK, JOHN MILTON. B.S. 1949. 5612 Pinelawn Avenue, Chattanooga 11, Tennessee. *Shop Engineer, Combustion Engineer, Inc.*
- HASEK, MILVOJ. B.S. 1926. DECEASED.
- HASKELL, HENRY HAMILTON. B.S. 1952, M.S. 1956, Post Office Box 247, Demopolis, Alabama. *Manager, Sales Development, The Borden Chemical Lab. Co.*
- HASSELL, W.C. B.S. 1914. 1158 J. Avenue, N.W., Cedar Rapids, Iowa. *Penick and Ford Incorporated.*
- HATCH, WILLIAM LUTHER. B.S. 1934. Address Uncertain.
- HATCHER, ORVILLE KEITH. B.S. 1950. 6315 South 72nd St., Omaha, Nebraska. *City Forester, City of Omaha.*
- HATCHER, ROY GILBERT. B.S. 1949. 120 Middle Road, Muscatine, Iowa. *District Forester, State Conservation Commission.*
- HATHAWAY, MICHAEL BATES. B.S. 1963. P.O. Box 55, Marcell, Minnesota 56657. *District Ranger, U.S. Forest Service.*
- HAUKOM, ALLAN S. B.S. 1939. Rural Route No. 2, Ft. Atkinson, Wisconsin. *Vice-president—National Agricultural Supply Company.*
- HAWK, HERBERT EDSON. B.S. 1952. Bawson Circle, Albany, Georgia, 31705. *Agent, Lamar Life Insurance Company.*
- HAWKINS, VICTOR TRUMAN. B.S. 1930. 3392 Broadway, Englewood, Colo. 90110. *Farming.*
- HAYES, EARL Jr. M.S. 1966. 505 Southeast Adams, Idabel, Okla.
- HAYES, RALPH W. B.S. 1914, M.F. 1924. Deceased.
- HALGREEN, JAMES H. B.S. 1957. 5 Old Georgetown Road, Manning, South Carolina. *Manager, S. Carolina Timber Department, Georgia Pacific Corporation.*
- HAYGREEN, JOHN GRANT. B.S. 1952, Ph.D. (Mich. State) St. Paul, Minnesota. *Associate Professor of Forestry Product, Engineering, University of Minnesota.*
- HAZARD, JOHN WILLIAM. B.S. 1957. 1219 Hawthorn, Ames, Iowa. *Grad Student, ISU.*
- HEACOX, EDWIN F. B.S. 1930. Retired, teaching part time at University of Washington.
- HEGGEN, JOHN WEBB. B.S. 1942. 3215 Oak Creek Road, Corvallis, Oregon. *Business Office, Oregon State University.*
- HELSCHER, JOHN W. B.S. 1939. 210 N. Iowa Avenue, Box 327, Washington, Iowa 52353. *General Agent, The Ohio National Life Insurance Company.*
- HEMPL, ROWLAND WALTER. B.S. 1950. 4611 Kawnee Drive, Richmond, Va.
- HEMPHILL, MERLYN WALLACE. B.S. 1952. 7913 Jade Drive S.W., Tacoma, Washington 98498. *Manager, Veneer and Plywood Division, Weyerhaeuser Company—Marshfield, Wisconsin.*
- HENNINGS, ROBERT ARTHUR. B.S. 1950. 3325 Embury Hills Drive, Chamblee, Georgia.
- HENRIKSON, EINAR LUDWIG. B.S. 1933. 721 N. Marshall, Litchfield, Minnesota.
- HENRY, ALLEN S. B.S. 1917. 6320 Roosevelt Road, Box 1178, Oak Park, Illinois. *Sales Manager, Austin Brothers Construction Company.*
- HENRY, CHARLES LEE. B.S. 1965. 6111 De Moss Street, Houston, Texas 77036. *Forester in Forest & Land Section.*
- HENRY, WILLIAM EDWIN. B.S. 1939. Deceased.
- HENSEL, R. L. B.S. 1913, M.S. 1922. Address Uncertain.
- HERRICK, DAVID EDWIN. B.S. 1947, M.S. 1956. 3502 Cameron Mills Road, Alexandria, Virginia. *Chief, Forest Products Marketing Branch Division of Forest Economics and Marketing Research, U.S. Forest Service (Washington office).*
- HERRICK, OWEN WRIGHT. B.S. 1955, M.F. (Yale). 115 Cherry Road, Berea, Kentucky. U.S.F.S.
- HERTEL, HAROLD GENE. B.S. 1950. 5941 Cottage Drive, Des Moines, Iowa. *State Forester, Iowa Conservation Commission.*
- HERTEL, WILLIAM MICHAEL. B.S. 1952. 1308 Ridgewood Drive, Highland Park, Illinois. *Salesman, Herman H. Hettler Lumber Company.*
- HERTZBERG, GROVE ROBERT. B.S. 1951, M.S. 1953. 5720 Harwood Drive., Des Moines 11, Iowa.
- HERZBERG, SIDNEY DAVID. B.S. 1956. 2926 Lindenhau, Bettendorf, Ia. 52722.
- HESS, ROBERT WILLIAM. B.S. 1934, M.F. (Yale). D/21 Canal House, 200 East Maple Ave., Morrisville, Pa. President, Tropical Woods Inc.
- HETZER, ROBERT EUGENE. B.S. 1957. P.O. Box 45, Glacier, Washington, 98244. *District Ranger, Mt. Baker National Forest.*
- HEYER, EDWIN WINN. B.S. 1936. 30 Peachtree Road, Basking Ridge, New Jersey. *Sales Service Supervisor, Wood Products Division, Weyerhaeuser Co.*
- HIBBS, ROBERT HARRY. B.S. 1967. P. O. Box 82, Glenwood, Washington, 98619.
- HICKS, LOWELL E. B.S. 1915. 5048 21 Ave. N.E. Glenwood, Seattle, Washington, 98105. Retired.
- HICKS, LYEEL ELMER. B.S. 1939. 3401 Lewis Farm Road, Raleigh, North Carolina. *Management Forester, North Carolina Division of Forestry.*
- HIGGINS, ROBERT FRANCIS. B.S. 1949. 38 North Berkely Way, Medford, Oregon. *Sales Manager, Timber Products Company.*
- HIGHLEY, TERRY LEONARD. B.S. 1962. 4923 Chalet Garden Rd. No. 102, Madison, Wisconsin 53711. *Pathologist, Forest Products Laboratory, Madison, Wisconsin.*
- HILL, EDWIN. B.S. 1928. 4105 Paunack Avenue, Madison, Wisconsin. *Assistant State Conservationist Soil Conservation Service.*
- HILL, ROGER MILTON. B.S. 1948. R.R. No. 1, Redfield, Iowa. *Farming.*
- HILLIARD, WILLIAM KENNISH. B.S. 1952. 222 Red Street, Silsbee, Texas. *In charge, Field Operations, D.D. Shive Survey.*
- HILLMAN, KENNETH W. B.S. 1959. 1160 Park Avenue, Ketchikan, Alaska. *Ketchikan Pulp and Paper.*
- HILLIS, JAMES ARTHUR. B.S. 1949. Osage, Iowa. *Iowa Highway Commission.*
- HILSMAN, VINCENT JOHN. B.S. 1941. 3702 Durness, Houston 25, Texas. *Vice President & General Manager, James H. Stanton Construction Company, Inc.*
- HINKLEY, HARRY SAMUEL. B.S. 1932, M.S. (Calif.). 703 E. Bald Mountain Road, Sonora, California. *Farm Advisor—Agricultural Extension Service, University of California.*
- HINRICHS, JOHN CARL. 16 Second Avenue N.E., Waukon, Iowa.
- HIRT, ROBERT EDWARD. B.S. 1939. 2405 West 22nd, Eugene, Oregon. *Partner, Hirt & Wood Lumber Company.*

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- HISZCZYNSKYJI, LUBON. B.S. 1961. 338 Alder St., Missoula, Mont. 59801.
- HODGES, DONALD JOSEPH. B.S. 1935. 1811 Walnut Street, Apt. 1, Boulder, Colorado, 80302. *Staff Forester, San Isabel National Forest.*
- HOEGLIN, MILFORD CHALMERS. B.S. 1939. 819 Canterbury Drive, Bessemer, Alabama 35020. *Forester—Tennessee Coal & Iron Division, United States Steel Corporation.*
- HOEKSTRA, PIETER EGBERG. B.S. 1951, M.S. (N.C. State). UNFS Project, 114 Apartado, Postal 1407, Lima, Peru. *Research Forester, Southeastern Forest Experiment Station.*
- HOFFMAN, EDWARD JOHN. B.S. 1947. 2220 E. 4800 S. Apt. 329, Salt Lake City, Utah 84117. *Chief, division of resource management, Utah State office, Bureau of Land Management.*
- HOFFMAN, PAUL FREDERICK, Jr. B.S. 1948, M.S. 1950. Ph.D. (Botany). 511 East Jefferson Avenue, Kirkwood 22, Missouri. *Plant Pathologist—Development Department, Monsanto Chemical Company.*
- HOGAN, JACK BROOKS. B.S. 1926. 9909 Coggins Drive, Sun City, Arizona 85351. *Retired from U.S.F.S.*
- HOHENADEL, SAMUEL F. B.S. 1938. 2939 E. 18th St., Davenport, Iowa 52803. *Production Designer, Montgomery Elevator Co.*
- HOLDING, ARTHUR L. B.S. 1929. P.O. Box 721, Newport, Washington.
- HOLLAND, JACK S. B.S. 1955. 6149 Pineridge Avenue, Alexandria, Louisiana 71301. *Supervising Sales Analyst, Koppers Co., Unit Structures Laminating Co.*
- HOLLIDAY, LEWIS M. B.S. 1965. Box 55, Cosmopolis, Washington. 98537. *Forester, I.T.T. Rayonier, Inc.*
- HOLSCHER, CLARK E. B.S. 1937. 6405 Dahlonga Road, Washington, D.C. 20016. *Director, Division of International Forestry, U.S. Forest Service.*
- HOLTZ, ROBERT DEAN. B.S. 1930. 9951 Concord Avenue, Sun City, Arizona 85351. *Retired.*
- HOMAN, KEITH ALLAN. B.S. 1954. P.O. Box 352, Haleyville, Alabama. *Assistant District Ranger, DeSota National Forest.*
- HOMMEMA, CHARLES R. B.S. 1965. Greenbrier Ranger District, Monongahela National Forest, Bartow, West Virginia. *Forester (TSI crew leader)*
- HOOSE, WELDON WAYNE. B.S. 1941. Whiteville, North Carolina. *Sledge Lumber Company.*
- HOOTMAN, WARREN DEMING. B.S. 1948. Rt. 3, Box 249, Coos Bay, Oregon. *Consulting Forester.*
- HOOVER, CLYDE COLBURN. B.S. 1942. 1603 North Main, P.O. Box 391, Cassville, Missouri. *President—Forest Products, Inc.*
- HOPP, ERITH L. B.S. 1947. 4108 Audubon Place, Lynchburg, Virginia 24503. *Manager—Eastern Woodlands, Owens-Illinois Inc.*
- HORAK, FRANCIS JOHN. B.S. 1951, M.S. (Duke). 60 S. Depew Drive, Lakewood, Denver, Colorado 80226. *Forester, U.S. Bureau of Land Management.*
- HORSMAN, LEWELL EDWARD. B.S. 1952. 1920 5th Avenue, Ft. Worth, Texas, 76110. *Recreation Planner, U.S. Army Engineers.*
- HORTON, LOWELL EUGENE. B.S. 1950. 685 E. 1250 No., Ogden, Utah 84404. *Ashley National Forest.*
- HOSKINS, ROBERT N. B.S. 1939. 7605 Cornwall Road, Richmond, Virginia, 23229. *Asst. Vice President—Containerization and Special Projects, Seaboard Coastline Railroad.*
- HOTCHKISS, JENNINGS DONALD. B.S. 1938. 33919 Street of Violet Lantern, Dana Pt., Calif. *Municipal Court Clerk, Laguna Beach, Orange County, Calif.*
- HOUGH, JOHN P. B.S. 1931. 1007 Ivy Lane, Fortuna, California. *Timber Manager for Arcata Plywood Corp.*
- HOUSTON, CHARLES STOKES. B.S. 1941. 1961 Painter Street, Klamath Falls, Oregon. *Safety Director, Weyerhaeuser Company.*
- HOUSTON, JEAN ARVAL. B.S. 1940. 1125 Maryland Drive, Vista, California.
- HOUTCHENS, FAYE LAWRENCE. B.S. 1958. 1825 Charlotte, Missoula, Montana, 59801. *Assistant Ranger, U.S.F.S.*
- HOW, DAVID CLARK. B.S. 1956. 23 Glen Oak Court, Medford, Oregon. *Realty Spec., U.S. Bureau of Land Management.*
- HOWARD, RICHARD ALBERT. B.S. 1962. Harvard Forest, Petersham, Mass.
- HOWELL, EDWARD M. B.S. 1929. Stone Road, Rt. 3, Box 57, Oxford, Mississippi. *Watershed Planner—Yazoo Little Tallahatchie Flood Prevention Project, U.S. Forest Service.*
- HOWELL, JOSEPH, Jr. B.S. 1925. Address Uncertain.
- HOWELLS, BENJAMIN D. B.S. 1961. Onaway, Michigan 49765. *Forester, Abitibi Corp.*
- HOY, WILLIAM ASTOR (Col.). B.S. 1940. 128 Kansas Drive, Portales, New Mexico 88130. *Director of placement, Eastern New Mexico University.*
- HOYER, VERNE B. B.S. 1920. *Deceased.*
- HUBBARD, ARTHUR CALVIN. B.S. 1952. Rt. No. 1, Box 261-A, La Grande, Oregon. *Log Check Scale—Manager, Boise Cascade Corp.*
- HUBBARD, JOHN WHEELER. B.S. 1934. Box 325, Big Falls, Minnesota. *Forester (Management & Research), Boise Cascade Corp.*
- HUFF, VIRGIL DARWIN. B.S. 1961. 5410 E. Saginaw, Fresno, Calif. 93727.
- HUGHES, RALPH HARLEY. B.S. 1938. M.S. 1939. 1010 North Ridge Avenue, Tifton, Georgia. *Range Conservationist (Research), Southeastern Forest Experiment Station.*
- HUGHES, ROBERT FRANCIS. B.S. 1949. 285 Indiandale Road, S.E., Cedar Rapids, Iowa. *Sales Representative, Hughes Brothers Lumber Company.*
- HUMMEL, ALLAN EUGENE. B.S. 1952. 208 Ridge Road, Atlantic, Iowa 50022. *Office manager—Retail Lumber Yard, Highway Lumber Company.*
- HUNGATE, GEORGE EDWARD. B.S. 1951. 400 Walworth Avenue, Iron Mountain, Michigan. *President—Lake Superior Lumber Company, Iron Mountain, Michigan.*
- HAYER, V.B. *Deceased.*
- HUNT, ROBERT LEE. B.S. 1955. 304 Whipple Street, Prescott, Arizona. *Forester, Santa Fe National Forest.*
- HUNTER, CHARLES RONALD. B.S. 1955. 3006 Hecla, Butte, Montana, 59701. *Forester, Flathead National Forest.*
- HUNZIKER, ROGER FREDERICK. B.S. 1963. 894 El Prado, Lake City, Florida. *Forester, Ovens—Illinois So. Woodlands.*
- HURD, EUGENE STANLEY. B.S. 1935, M.S. (Harvard). 510 Lincoln Street, Rhinelander, Wisconsin. *Managing Forester, Consolidated Water Power and Paper Company.*
- HURD, RICHARD MILLER. B.S. 1939. Star Route 1, Box 1321, Juneau, Alaska, 99801. *Director, Northern Forest Experiment Station, U.S. Forest Service.*
- HUSMAN, DONALD LEITH (Lt. Col.). B.S. 1940. 49 Skyhill Road, Apt. 203, U.S. Army.
- HUTCHINGS, GORDON C. B.S. (Colo. St.), M.S. 1927. Route 1, Henderson, Colorado. *Owner of Rainbow Trout Farm.*
- HUTCHINSON, ROBERT RILEY. B.S. 1935. 12617 Seventh Street, Yucaipa, California.
- ILCH, DAVID M. B.S. 1931. Forestry Bldg., C.S.U., Ft. Collins, Colorado. *Chief, Division of Station Mgmt., R. M. Forest and Range Exp. Station.*
- IMFELD, DONALD ANTHONY. B.S. 1951. 1619 Marquette Road, Joliet, Illinois.
- INMAN, LAWRENCE LLOYD. B.S. 1947. Reyadh, Saudi Arabia. 147th Ave. S.W., Oelwein, Iowa. *Head, Department Field Corps, University of Baghdad.*
- INTERMILL, WEBSTER WAYNE. B.S. 1932. Chassell, Michigan 49916. *Area Supervisor, Consolidated Lumber Co.*
- IPSEN, LORENZ ROBERT. B.S. 1949. 1424 HiView Drive, Des Moines, Iowa. *Lumber Sales, Jewett Lumber Company.*
- ISEBRANDS, JUDSON G. B.S. 1965. c/o Mrs. Earl McZuown, R.R. No. 1, Red Oak, Iowa. *ISU Grad Student, 2716 West Street.*
- IVERSON, RAY C. B.S. 1928. 418 Dahl Street, Rhinelander, Wisconsin 54501. *Retired, U.S. Forest Service.*
- JACK, LYLE EUGENE. B.S. 1955. Star Route 1, Box 815, Juneau, Alaska. *District Ranger U.S. Forest Service.*
- JACK, ROBERT CLAIR. B.S. 1946. 200 N. 39th, Ft. Smith, Arkansas. *District Sales Representative—Long-Bell Division, International Paper Co., Kansas City, Kansas.*
- JACKSON, ROBERT HAROLD. B.S. 1947. Box 316, Joseph, Oregon. *Assistant Forester, J. Herbert Bate Lumber Company.*
- JACKSON, RONALD GLEN. B.S. 1967. Box 54, College Springs, Iowa., 51637.
- JACOBSEN, REUBEN SAXHOLM. B.S. 1935. Mineral, Washington. *District Ranger, Snoqualmie National Forest.*
- JAMISON, GLENN MEREDITH. B.S. 1939. Coin, Iowa. *Farming.*
- JARRARD, STANLEY EUGENE. B.S. 1951. P.O. Box 42, Dierks, Arkansas. *Block Forester, Weyerhaeuser Co.*
- JASKULSKI, THADDEUS MARION. B.S. 1951. 307 S. 49th Avenue, Bellwood, Illinois. *Packaging Engineer, Container Laboratories, Incorporated.*
- JAUCH, JACOB. B.S. 1933. 3227 St. Clair Avenue, Pueblo, Colorado. *District Ranger, San Isabel National Forest.*
- JAYNE, JAMES LYLE. B.S. 1958. Box 126, Hoodsport, Washington. 98548. *Forester, Olympic National Forest, U.S. Forest Service.*
- JENNINGS, NEAL E. B.S. 1968. Seoul, Korea. GI, U.S. Army.
- JENSEN, ALVIN. B.S. 1936. 1145 1st Avenue, Ottawa, Illinois. *Engineer—Asst. District Traffic, Illinois Div. of Highways.*
- JENSEN, EVERETT JOHN. B.S. 1934. 4 Meadow Way, Fairfax, California. *Forester, U.S. Forest Service.*
- JENSEN, HAROLD JAMES. B.S. 1942. 929 So. 4th, Lakeview, Ore. 97630. *Range Conservationist, U.S. Forest Service.*
- JENSEN, JENS CHRISTIAN. B.S. 1949. P.O. Box 6908, Washington, D.C. 20032. *District Manager, Bureau of Land Management.*
- JENSEN, KEITH FRANK. B.S. 1960, Ph.D. 1963. 23 Blymer Street, Delaware, Ohio. *Forest Insects and Disease Laboratory, P.O. Box 365, Delaware, Ohio.*
- JENSEN, WILLIAM LOUIS. B.S. 1958. Box 242, Bonifay, Florida, 32425. *District Forester, State Conservation Commission.*
- JESSEN, JAY L. B.S. 1961. P.O. Box 83, Big Bend National Park, Texas. 79834. *Supervisory Park Ranger (District), National Park Service, Big Bend National Park, Texas.*
- JIRSA, DONALD EUGENE. B.S. 1950. c/o U.S. Forest Service, Apache National Forest, Springerville, Arizona. *Staff Forester, Coronado National Forest.*
- JONES, ROBERT LEWIS. Capt. B.S. 1960. Potasi, Missouri 63664. *Forester—Fredericktown, Ranger District, Clark National Forest.*
- JOHNSON, ALFRED WILLARD. B.S. 1948. 438 Pine Ridge Road, Jackson 6, Mississippi. *Supervisors Staff, Mississippi National Forests.*
- JOHNSON, FLOYD ALFRED. B.S. 1939, M.S. 1941. 14064 Goodall Road, Lake Oswego. *Pacific Northwest Forest and Range Experiment Station.*
- JOHNSON, GLEN LEROY. B.S. 1936.
- JOHNSON, HOWARD CHARLES. B.S. 1955. 881 W. St. Charles Road, Lombard, Illinois. *Superintendent—Forest Preserve Dist., DuPage County.*
- JOHNSON, KENNETH HUMPHREY. B.S. 1963. 612 N.W. 1st Avenue, Hallandale, Florida.
- JOHNSON, MARLIN A. B.S. 1965. Box 198, Petersburg, Alaska 99833. *GS-7 Forester—U.S. Forest Service.*
- JOHNSON, OTHO MEREDITH. B.S. 1934. 7546 Hazelcrest, Hazelcrest Missouri 63042.
- JOHNSON, ROBERT COREY. B.S. 1959. Hickory Grove Tr. P., Rt. No. 2, Ames, Iowa. *Assistant Professor, Department of Technical Journalism, Iowa State University.*
- JOHNSON, R. VERLE. B.S. 1936, M.S. 1938. Lockwood Rd., R.F.D. No. 2, Peekskill, New York. *R. Verle Johnson Associates, Motion Pictures Production and Public Relations.*
- JOHNSON, ROBERT WILLIAM. B.S. 1959. 638 Stephan Dr., Palatine, Ill. *Sales Representative, International Paper Co., Chicago, Ill.*

JOHNSON, VICTOR ALLAN, Capt. B.S. 1955. 1004 28th Street, Ames, Iowa, 50010. *Advisory Group Team APO96, San Francisco, California.*  
 JOHNSON, WILLIAM ALBERT. B.S. 1949. 2307 Larch, Olympia, Washington.  
 JOKERST, RONALD W. B.S. 1959. R. R. No. 2, Carterville, Illinois. *Research Forester, Central States Forest Experiment Station, Carbondale.*  
 JONES, GLENN C. B.S. 1916. Address Uncertain.  
 JONES, LOREN KEITH. B.S. 1966. Pacific Ranger Station, Potlock Pines, Calif. 95726.  
 JONES, ROBERT EDWARD. B.S. 1950. 709 Commercial, Plainfield, Illinois. *Division Forester, Commonwealth Edison Company.*  
 JORANSON, PHILIP NATHANIEL. B.S. (Minn.), M.S. 1938, Ph.D. (Calif.). 306 E. South River Street, Appleton, Wisconsin. *Research Associate Institute of Paper Chemistry.*

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JORDAN, WILLIAM ROY. B.S. 1949. 5043 Marathon Drive, Madison 5, Wisconsin. *Administrative Assistant, Wisconsin Conservation Department.*  
 JORGENSEN, GARRY L. B.S. 1965. Box 412, Halfway, Oregon. *Forestry Technician, U.S. Forest Service.*  
 JULLE, WILLIAM LEROY. B.S. 1936. 14424 S. Wallace, Chicago 27, Illinois. *Lumber Inspector, Cook County Lumber Company.*  
 JUNGST, STEVEN E. B.S. 1969. 1308 M Ave., Milford, Iowa 51351. Seaman, U.S. Navy.

KADEN, CLARENCE EDWARD. B.S. 1940. 274 Hagans Road, Elmhurst, Illinois. *Partner, Edward A. Kaden & Son.*  
 KADERABET, JAMES EARL. B.S. 1959. Box 152, Sierraville, California. *Resource forester at Sierraville Ranger District, Tahoe National Forest.*  
 KAGEORGE, MICHAEL WILLIAM. B. S. 1950. 3823 W. Birchwood, Milwaukee, Wisconsin.  
 KAHLER, LESLIE H. B.S. 1928. 700 N. Green, Anna, Ill. 62906. Retired from the Illinois Forestry Division.  
 KAISER, HAROLD F. B.S. 1964. 144 Portland St., New Orleans, La. 70124. *Research conomist, U.S. Forest Service.*  
 KALE, WILSON SAMUEL. B.S. 1953. 1015 33rd Street, Lewiston, Idaho 83501. *Forester, Potlatch Forests, Inc.*  
 KALEN, WENDALL DAVID. B.S. 1950. Brookside, Kentucky. *Forester, W. M. Ritter Lumber Company.*  
 KANEY, DAVID WILLIAM. B.S. 1961, M.S. 1966. 2010 Adams Court, Arcata, California, 95521. *Timberlands Planning Analyst, Simpson Timber Company.*  
 KANSKY, GEORGE WILLIAM, B.S. 1938, M.S. 1941. 14705 N.E. Hancock Street, Portland 30, Oregon. *Forester, U.S.F.S., Region 6, Division Recreation.*  
 KAPEL, FRANK JOSEPH. B.S. (Idaho), M.S. 1939. 1010 California Ave., Libby, Montana 59923. *Soil Conservation Service.*

KASILE, JOSEPH DAVID. B.S. 1959, M.S. (Ore. St.). 7625 Admiral Dr., Liverpool, New York. *Research Forester, Pacific Southwest Experiment Station, Berkeley, California.*  
 KASTELIC, JOSEPH P. B.S. 1957. 528 E. Sheridan Street, Ely, Minnesota.  
 KATOVICH, ALEXANDER. B.S. 1950. Rt. 1, Box 143-A, Wautoma, Wisconsin. *District Forester, Wisconsin Conservation Department.*  
 KEESEY, JOHN CONRAD. B.S. 1954. Gen. Delivery Box K, Park View, New Mexico 87551. *District Forester, New Mexico Department of State Forestry.*  
 KEISTER, THOMAS. B.S. 1950. 8024 Poirier Palm Hill Blvd. Baton Rouge, Louisiana. *Instructor, La. State University.*  
 KELLER, DARREL VIVIAN. B.S. 1959. 1161 Highridge Circle, Columbia, Mo. 65201. *Building Materials Sales.*  
 KELLER, EUGENE. B.S. (Mich.), M.S. 1942. P.O. Box 726, Thomasville, Alabama.  
 KELLSTEDT, PAUL ARTHUR. B.S. 1938. Address Uncertain.  
 KELLEY, STEPHEN A. B.S. 1964. 903 Y Avenue, La Grande, Oregon 97850. *Forester, USFS, Willowa-Whitman National Forest.*  
 KENT, HAROLD DAVID. B.S. 1961. 351 W. Palm Ave, Apt. 5, El Cajon, Calif. 92020. *Project Hydrologist, Cleveland National Forest, San Diego, Calif.*  
 KENNEDY, WILLIAM BERNARD. B.S. 1938. 1661 W. Everett Road, Lake Forest, Illinois. *Manager—Chicago Division, Hager Manufacturing Company.*  
 KEPLER, JACK ELLSWORTH. B.S. (U. Conn.), M.S. 1962. 839 Mission, Manhattan, Kansas, 66502. *Extension Forester, Kansas State College.*  
 KESSELRING, RONALD D. B.S. 1963. 12 Fifth St., Towanda, Pa. 16848. *Quality Control Manager, Masonite Corporation.*  
 KETCHUM, RONALD L. B.S. 1957. P.O. Box 374, Prairie City, Oregon 97869. *Timber Management, Prairie City Ranger District, Malheur National Forest.*  
 KIEWEG, CHARLES A. B.S. 1967. Berlin, New York 12022. *Timber Buyer—Forester, W. J. Cowee, Inc.*  
 KIEWEL, ROBERT LEWIS. B.S. 1949. 2245 Carlyle Court, White Bear, Minnesota. *Sales Representative, Weyerhaeuser Company.*  
 KING, MICHAEL R. B.S. 1966. Atlanta, Georgia, Pilot, Delta Airlines.  
 KINGERY, HUGH M. B.S. 1950. 100 Crestview Dr., Birmingham, Alabama 35213. *Salesman, Spotrails, Inc., Rolling Meadows, Illinois.*  
 KLINE, JOHN PHILIP. B.S. 1961. 315 N.W. Boyce Pl., John Day, Oregon 97845. *Supervisory Forester—U.S.F.S.*  
 KLINE, PAUL DALE. B.S. 1952. c/o Mr. Dale Kline, Malvern, Iowa. *Iowa Conservation Commission.*  
 KLINOFF, ROGER HENRY. B.S. 1958. 633 E. Lincoln Avenue, Tomahawk, Wisconsin. *Western District Forest Manager, Owens-Illinois Glass Company.*  
 KLUG, WILLIAM FREDERICK, Jr. B.S. 1930. 645 Beverly Road, Pittsburg 16, Pennsylvania. *Production Manager, Wood Preserving, Koppers Co., Inc.*

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- KNOLL, CHESTER WILFRED. B.S. 1950. 4148 Lancaster Ave. Stewart Terrace, Newburgh, New York 12551. Air Force.
- KNOP, BLAINE MOORE. B.S. 1950. 1227 N.W. Johns Avenue, Pendleton, Oregon. V.P. and Mgr. of Kerns Company, President of Grays Harbor Chain and Mfg. Co., President of Rogers Wood Products Company.
- KNUPP, JOHN FRANKLIN. B.S. 1960. Box 614, Taylorsville, Miss. 39168. Area Forest Manager for Crossett Division of Georgia Pacific Corporation.
- KNUTSEN, STANLEY. B.S. 1953. Route 1, Ossian, Iowa.
- KOCH, DAN WILLIAM. B.S. 1965. R.R. 3, Davenport, Iowa.
- KOCH, (SANDRA) KATHLEEN (MCGUIRE). B.S. 1965. 114 Sunny Lane, Box 624, Hudson, Iowa, 50643.
- KOENICK, LEONARD. M.S. 1964. 2714 Washington Ave., Chevey Chase 15, Md.
- KOEPEKE, W. C. B.S. 1911. Address Uncertain.
- KOMANETSKY, MICHAEL. B.S. 1951. M.S. (S. Dak. St.)
- KOLTZ, BRUCE G. B.S. 1965. 439 Church Ave., Apt. C, Vista, Calif., 92010. Research Technician, U.S. Dept. of Agriculture.
- KONING, JOHN W. B.S. 1957. 2125 Keyes Avenue, Madison 5, Wisconsin.
- KOUBA, THEODORE FRANK. B.S. 1926. 1 Langdon Street, Madison, Wisconsin, 53703. Division of State and Private Forestry, U.S. Forest Service (Region 9).
- KOWSKI, FRANK FREDERIC. B.S. 1933. National Park Service Regional Office, P.O. Box 728, Old Santa Fe Trail, Santa Fe, New Mexico 87501. Regional Director, Southwest Region, National Park Service.
- KRAFKA, WARREN VIRGIL. B.S. 1943. 852-14th Street S.E., Mason City, Iowa. Superintendent Public Schools.
- KRAJICEK, JOHN EDWARD. B.S. 1942. Route 2, Carbondale, Ill. Research Forester, Bottomland Hardwood Management, Central States For. Exp. Station.
- KREAGER, PAUL T. B.S. 1928. M.F. (Yale). St. Marks, Florida. Refuge Mgr., St. Marks Nat. Wildlife Refuge.
- KREGER, PAUL BERNARD. B.S. 1954. 2000 6th Avenue South, Escanaba, Michigan.
- KREIMEYER, VICTOR LOUIS. B.S. 1943. 785 N.E. Laucelhurst Place, Portland, Oregon. Assistant Division Chief, Information and Education, U.S.F.S.
- KRIDELBAUGH, LEON EVERETT. B.S. 1957. R.R. 1, Rover Bluff Rd., Bedford, Indiana. Assistant District Ranger, Nicolet National Forest U.S.F.S.
- KRIEGER, JACK RUTHVEN. B.S. 1955. U.S. For. Ser., Box 7, Heppner, Oregon. Assistant District Ranger—(lakes dist.), Mt. Hood National Forest.
- KROACH, MERLIN. B.S. 1942. 925-80th N.E. Box 195, Bellevue, Washington.
- KRUSE, GERALD WILLIAM. B.S. 1931. 46 Shaw Avenue, Silver Spring, Maryland. Chief, Construction Division, Corps of Engr., Washington District.
- KRUSE, JOHN LESTER. B.S. 1961. P.O. Box 368, Chester, Calif. 96020.
- KUCERA, CLAIR LEONARD. B.S. 1947. M.S. (Bot.), Ph.D. (Bot.). 500 Rockhill Road, Columbia, Missouri. Associate Professor of Botany, University of Missouri.
- KUEFNER, WAYNE HENRY. B.S. 1950. 27978 Ingram Place, Hayward, California 94545. Superintendent, Paper Mill, The Flinthote Company.
- KUESTER, ALLAN F. B.S. 1953. 605 Lantry, Algona, Iowa, 50511. Forest Consultant.
- KUHNS, PAUL SMITH, Jr. B.S. 1947. 4477 Barrett Way, Salem, Oregon. Forester, U.S. Bureau of Land Management.
- KULP, JOHN WILLIAM. B.S. 1929. 486 Fogstad Glen, Madison 5, Wisconsin. Division of Wood Preservation, U.S. Forest Products Laboratory.
- KUPKA, CHARLES APPLEGATE. B.S. 1948. 6905 North Birch Lane, Kansas City, Missouri 645151. Weyerhaeuser Company, District Sales Representative.
- LAMANSKY, WILLIAM HAROLD. B.S. 1954. 8 Fordharm Red. Rt. 2, Wilkes Barre, Pa. 18702. Manager, Plant Development Department, Koppers Company, Inc.
- LANE, MAX HOLMES. B.S. 1940. Box 208, Benton, Illinois. Staff Forester, Illinois State Division of Forestry.
- LANE, RICHARD DALE. B.S. 1940, M.S. 1942. 5 Dartmouth Circle, Swarthmore, Pennsylvania. 19081. Director—Northeastern Forest Expt. Sta., Forest Service—U.S.D.A.
- LANG, JERVIS WEBSTER. B.S. 1951. 923 Milne Drive, Lockport, Illinois. Salesman, General Plywood Corporation.
- LANGE, JOHN RAYMOND. B.S. 1947. 2604 Meadow Drive, Rolling Meadows, Illinois.
- LARSEN, DONALD EUGENE. B.S. 1954. 312 First Ave., Aberdeen, Washington 98520. Forester, Rayonier, Inc.
- LARSEN, JULIUS A. B.S., M.S., Ph.D. (Botany) 1936. 2107 Graeber, Ames, Iowa. Associate Professor, Department of Forestry.
- LARSON, JOHN DONOVAN. B.S. 1941. 1640 N. 20th St., Springfield, Illinois. Staff Forester, Illinois Dept. of Conservation (106 State Office Building.)
- LARSON, MERLIN DEVERE. B.S. 1938, M.A. (Iowa). 4917 Paris Drive, Godfrey, Illinois, 62035. Superintendent, Employee & Community Relations Division, Standard Oil Co.
- LARSON, RICHARD EDWARD. B.S. 1950. 12100 Shorefield Ct., Apartment 34, Wheaton, Maryland 20902. Forester—U.S.F.S.
- LASH, MERRILL GENE. B.S. 1953. 2509 South Hills Drive, Missoula, Montana. Assistant Sales Manager, Anaconda, Montana.
- LASSEN, LAWRENCE EIVIND. B.S. 1954, M.S. 1958. 6605 Inner Drive, Madison, Wisconsin 53705. Research Project Leader, U.S. Forest Products Lab.—Madison.
- LATHAM, ORRIN L. B.S. 1927, M.F. (Yale). Route 5, Cedarwood Drive, Boise, Idaho 83705. Retired. Summer time work with engineers on Boise Nat'l. Forest; also part time with C. H. Ketchum, Land Surveyor.
- LAU, VICTOR C. B.S. 1928. 635 Georgiana, Port Angeles, Washington. Crown Zellerbach Paper Company.
- LAURITSEN, MARVIN K. B.S. 1958, R.R. 1, Cass Lake, Minnesota, 56633. Supervisor—Chippewa National Forest, U.S. Forest Service, Cass Lake, Minn., 56633.
- LAUTERBACH, PAUL GUSTAV. B.S. 1944. 1140 N. Cascade, Tacoma, Washington, 98406. Research Forester, Weyerhaeuser Company.
- LAW, JOHN WILLIAM. B.S. 1941. Bronson, Iowa. Farming.
- LAWRENCE, JAMES ALLEN. B.S. 1963. Ranger Station, Mountain City, Nevada. District Forest Ranger, U.S. Forest Service Humboldt National Forest.
- LAYMAN, PAUL ARNOLD. B.S. 1940. 2642 Maple Street, Longview, Washington 98632. Asst. Supt. Dry Kiln Dept., Weyerhaeuser Company.
- LEARY, ROLFE ALBERT. B.S. 1959, M.S. 1961. 6-12 Ross Ade Drive, W. Lafayette, Indiana, 47907.
- LEAVERTON, DONALD DUANE. B.S. 1965. Box 6, Continental Divide, New Mexico.
- LEE, EDWARD NORMAN. B.S. 1929. 5168 North Kent Avenue, Milwaukee 17, Wisconsin. Staff Forester, U.S. Forest Service, 623 North Second Street, Milwaukee 3, Wisconsin.
- LEFFLER, GUSTIN VALE. B.S. 1941. 8701 W. 93rd. Terr. Shawnee Mission, Kansas 66212.
- LEFLER, MARSH EDWIN. B.S. 1956. c/o U.S. Forest Service, Watersmeet, Michigan. District Ranger, U.S.F.S.
- LEHMANN, ARTHUR FERDINAND. B.S. 1934. 1315 Grove Street, Lufkin, Texas. Forester, Angelina County Lumber Company.
- LEHMANN, KARL THEODORE. B.S. 1939. Address Uncertain.
- LENDMAN, FRED NOHE. B.S. 1950. 2758 Kenco Avenue, Redding, California. Forester, W. E. Lanni Estate.
- LENZ, MORRIS THEODORE JAMES. B.S. 1950. 813 Douglas, Joliet, Illinois. Radiosonde Technician, U.S. Weather Bureau.
- LEPLEY, WILLIAM MORTON. B.S. 1928, M.A. (Calif.), Ph.D. (Penn. St.), Room 21 Burrows Bldg., University Park, Penn. 16802. Professor of Psychology, Director of Psychology, Penn. State University.
- LeROUX, JAMES EDWARD. B.S. 1950. Rt. 4, Sugar Bust Lane, Marshfield, Wisconsin 54449. Plant Superintendent—Veneer and Plywood, Division, Weyerhaeuser Company, Marshfield, Wisconsin.
- LESLIE, JERRY LEE. B.S. 1961. Omaha Field Office, 4322 North 56th Street, Omaha, Nebraska, 68104. Timberweld, M.F.G.
- LESTER, ORVILLE FRANK. B.S. 1928. Route 1, Indianola, Iowa. Farming.
- LEUTHAUSER, ALBERT HENRY. B.S. 1953. Star Ranger Station, Jacksonville, Oregon 97530. Assistant District Ranger, Fremont National Forest.
- LEWISON, WAYNE CLIFTON. B.S. 1937. 1 Stonybrook Road, Plymouth, New Hampshire. Manager—Bobbins Division, Draper Corporation, Beebe River, N.H.
- LHOTKA, FRANK HENRY. B.S. 1953. 915 Cedar Drive, Brookerville, Florida.
- LIBBY, KENNETH EARL. B.S. 1966. 3502 64th, Des Moines, Iowa, 50322. Systems Analyst, Pioneer Data Systems.
- LIGHTCAP, BRIAN WILLIAM. B.S. 1966. Pleasant Point Motel, U.S. Route 27, Gaylord, Mich. 49735.
- LINCH, JOHN R. B.S. 1966. Box 1209, Orofino, Idaho 83544. Forester, Clearwater National Forest.
- LINDBLOM, STEPHEN E. B.S. 1965. 449-B Craig Drive, Fort Benning, Georgia 31905. Marine Corps. Liaison Officer.
- LINDER, WARD OWEN. B.S. 1947. 1185 Lone Tree Road, Elm Grove, Wisconsin. Sales Representative, Rexford Paper Company.
- LINDQUIST, LEONARD ANDREW. B.S. 1956. 217 Anita, Holbrook, Arizona 86025. TM Staff—Sitgreaves National Forest.
- LINDSAY, DON C. B.S. 1965. Marengo, Iowa. c/o J. C. Cronenouer, Pomeroy-McGowin, 916 Main Street, Texarkana, Texas.
- LING, WEN MING. B.S. 1921, M.S. 1922. Chengtu, Szechwan, China. Vocational Agriculture University of Nanking.
- LINK, KERMIT J. B.S. 1958. 600 W. Graham, Council Bluffs, Iowa.
- LISCHER, WARREN JOHN. B.S. 1938, M.S. (N.Y.). Route 2, Red Oak, Iowa. Farming.
- LITTLE, HARRY G. B.S. 1960. Box 746, Lakeside, Arizona 85929. Range Conservationist—Sitgreaves Nat. Forest—U.S. Forest Service.
- LITWICKI, WALTER JEROME. B.S. 1948. 138 Canal Street, Canon City, Colorado. District Ranger—White River National Forest.
- LIVERS, HAROLD ARTHUR. B.S. 1939. DECEASED.
- LODGE, FLOYD EDMOND. B.S. 1952. 928 Marywood Drive, Royal Oak, Michigan. Wholesale Salesman, F. M. Lange & Son—Detroit, Michigan.
- LOERCH, KARL ARTHUR. B.S. 1948. M.S. (Minn.). University of Nebraska, Lincoln Nebraska. Extension Forester—Nebraska.
- LOKKEN, CLAYTON MARVIN. B.S. 1952. 305 22nd Street, Ames, Iowa. Iowa Highway Commission.
- LONGVAL, STEPHEN R. B.S. 1965. 1233 N. Adams, Ottumwa, Iowa 52501. Sales Analyst—John Deere.
- LORENZ, PAUL RICHARD. B.S. 1955. 1245 Kline Place, Corvallis, Oregon. Project Supervisor—Oregon State Tax Commission.
- LORENZEN, RICHARD NICHOLAS. B.S. 1943. Address uncertain.
- LORIO, PETER LEONCE, Jr. B.S. (La. St. U.), M.F. (Duke), Ph.D. 1962. 5832 Bruyninckx Road, Alexandria, Louisiana. Res. For So. For Experiment Station.
- LOVESTEAD, HOWARD SCOTT. B.S. 1949. 115 N. Oneida Avenue, Rhinelander, Wisconsin.
- LOVRIEN, ARTHUR KEITH. B.S. 1949. Route 2, Clarksville, Iowa. Farming.
- LOWE, HOWARD ELTON. B.S. 1947. 1236 Westminster Dr., High Point, North Carolina. Senior Partner of Lowe & Freeman Veneers.
- LUBBERTS, DONALD R. B.S. 1931. Route 5, Box 993 W. Tucson, Arizona.
- LUCAS, ED. M.S. 1966. USFS Columbus, Ohio. Home Address: 133 Oxley Rd. Columbus, Ohio 43228.
- LUDEKE, LYLE ELMER. B.S. 1949. Route 1, Box 517L, Sandston, Virginia 23150.
- LUNDBERG, REUBEN OSCAR. B.S. 1928. 165 Cobbleston Dr., San Rafael, Calif. 94903.
- LUNDQUIST, JOHN ALTON. B.S. 1936. 4909 N. Walcott Ave., Chicago, Illinois, 60640. Retired in 1968 after 42 years with Edward Hines Lbr. Co. in both retail and wholesale work.

LUNSTRUM, STANFORD J. B.S. 1962. 816 - 12th S.E., Mason City, Iowa. *Pallet Manufacturing Co., Mason City, Iowa.*  
 LUTZ, CLARENCE A. B.S. 1955. Garlington Rd., Greenville, South Carolina 29607. Pastor of Shannon Forest Presbyterian Church.  
 LYNCH, JOHN. B.S. 1966. Northeast Forest Service, Experimental Station, 111 Old Federal Bldg., Columbus, Ohio.  
 LYNNE, ARTHUR DONALD. B.S. 1951. R.R. No. 3 - Box 451, Colur D, Alene, Idaho. *District Forest Engineer, Western Pine Association.*  
 LYONS, JAMES D. B.S. 1965. 92A Gosnold St., Hyannis, Mass. Project Supervisor-Barnstable Tax Mapping Project, Avis Airmap Inc.

McANDREWS, PHILIP JOSEPH. B.S. 1949. 1567 Hamilton, El Centro, California.  
 McANINCH, CARROLL DEAN. B.S. 1951. 431 S. Kendall, Denver, Colorado, 802. *Forester, San Juan National Forest.*  
 McCARRON, DAVID HOWARD. B.S. 1948. 1958 Cheny Road, Dubuque, Iowa. *Assistant Foreman—Curing Department, Dubuque Packing Company.*  
 McCARTHY, CARRELL C. B.S. 1916. 10445 S.E. 23rd Street, Bellevue, Washington.  
 McCAY, ROGER EARL. B.S. 1966. 918 Pleasant Dr., Reynoldsburg, Ohio, 43068.  
 McCOMB, ANDREW LOGAN. B.S. (Penn. St.), M.S. 1933, Ph.D. (Bot.) 752 Forgevs Avenue, Tucson, Arizona 85716. *Professor and Head—Department Watershed, Management—University of Arizona.*  
 McCULLOUGH, JOHN A. B.S. 1965. Route 2, Box 29-C, Estacada, Oregon 97023. *Silvicultural Forester, U.S. Forest Service.*  
 McCormick, LEIGHTON E. B.S. 1931. 1-34 Agric. Bldg., Columbia, Missouri, *Extension Professor of Forestry, University of Missouri.*  
 McCrory, CLAIR ALLISON. B.S. 1950. 2845 Valquandaen, Davenport, Iowa. *Foreman—Davenport Nursery.*  
 McCUTCHEN, ARTHUR ALLEN. B.S. (Colo. St.), M.S. 1929. 9 Hampton Avenue, San Anselmo, California. *Assistant Regional Forester, U.S. Forest Service—Region 5.*  
 McDADE, ELMER FRANKLIN. B.S. 1949. 5618 Del Monte Ct., Santa Rosa, California.  
 McDERMOTT, ROBERT EMMET. B.S. 1943, M.S. (Bot.) 1251 S. Garner Street, State College, Pennsylvania. *Head, Department of Forest Management, School of Forestry—Penn State University.*  
 McDONALD, KENT A. B.S. 1962. RR #1, Cross Plains, Wisconsin 53528. *Research Forest Products Technologist, U.S. Forest Products Laboratory.*  
 McELHINNEY GAIL DAVID. B.S. 1936. Deceased.  
 McELROY, JACK W. B.S. 1949. 4355 Ivymount Ct., 17, Annandale, Va. 22003.  
 McGRATH, THOMAS JOSEPH. B.S. 1949. 204 So. Evanston, Arlington Heights, Illinois, 60004. *Building Supervisor, Barrett Brothers, Builders.*  
 McGuire, ROBERT L. B.S. 1965. 214 Huron, Jackson, Ohio 45640. *Farm Forester, Ohio Dept. of Natural Resources, Division of Forestry & Recreation.*  
 McIntire, GEORGE STALEY. B.S. 1926. DECEASED. 3-3-69 (Heart Attack).  
 McIntyre, JAMES ARTHUR. B.S. 1956. 2715-59th Street, Des Moines, Iowa. *Manager—Jewett Lumber Company (Retail) Ft. Des Moines Yard.*  
 McKay, OSCAR M. B.S. 1965. c/o ing. Juan B. McKay, Box 4506, Panama City, Panama.  
 McKee, LOUIS CARTER. B.S. 1953. 1012 Daniels Drive, Tacoma, Washington 98466. *Assistant to Gen. Manager—Gardiner Branch. Long-Bell Division of International Paper Co.*  
 McKENNAN, RUSSELL B. B.S. 1962. 4313 Hartwick Road, College Park, Maryland, 20740. *General Inspector, Office of Chief Forester.*  
 McKenzie, ROBERT GENE. B.S. 1955. Box 3, Glenwood, Wash. *Forester—DeSoto National Forest.*  
 McKinley, RAYMOND MARSHALL. B.S. 1927. 2805 Overhead Bridge Road, Cleveland, Tennessee, 37311. Retired.  
 McLaren, CECIL GLYNN. B.S. 1927. 3407 Bentley Blvd., Toledo 6, Ohio. *Vice President—Owens—Illinois Glass Co.*  
 McLINTOCK, THOMAS FREDERICK. B.S. 1938, M.S. 1939, 6 Brookwood Road, Asheville, North Carolina. *Director, Southeastern Forest Experiment Station U.S. Forest Service—Wash. Office.*  
 McMillan, FRED WALLACE. B.S. 1951. 2220 Westview Drive, Springfield, Illinois. *Right of Way Agent—Central Illinois, Public Service Company.*  
 McMINN, LOGAN L. B.S. 1967.  
 MacPEAK, MALCOLM DALE. B.S. 1954. M.S. 1959. Box 538, Bonner, Montana 59832. *Research Engineer—Anaconda Forest, Products—Bonner, Montana.*  
 Madsen, ARNOLD RAY. B.S. 1960. Box 284, Prairie City, Oregon. *Forester, Malheur National Forest, U.S. Forest Service.*  
 MADSON, DANIEL ROBERT. B.S. 1948. Box 284, Prairie City, Oregon. 4034 Barrett Way South, Salem, Oregon. *Unit Forester—U.S. Bureau of Land Management.*  
 MAEGLIN, ROBERT RIEMEYER. B.S. 1961. R.R. No. 1, Verona, Wisconsin. *Forest Products Technologist, U.S. Forest Products Lab.*  
 MANN, DONALD EDWARD. B.S. 1950. Rt. 3, Box 73P, Bogalusa, Louisiana. *Forester—Pilot—Gaylord Container. Division—Crown-Zellerbach Corporation.*  
 MANWILER, FLOYD GEORGE. B.S. 1961, Ph.D. 1966. 417 Edgewood Drive, Pineville, Louisiana, 71360.  
 MARIS, ALBERT RICHARD. B.S. 1939. Route 1—Box 204, Forks, Washington. *Consulting Forester.*  
 MARRIAGE, LESTER. B.S. 1930. DECEASED.  
 MARSH, DALE EDWARD. B.S. 1958. Rt. No. 1, Middleton, Wisconsin. *Asst. Recreation Coord., Wisconsin Dept. Nat. Res.*  
 MARSH, RICHARD CLARENCE. B.S. 1951. 1487 E. Ollie Circle, Greenville, Mississippi. *Forester, U.S. Gypsum Company.*  
 MARSHALL, GERALD DEAN. B.S. 1950. 130 South Hill, Dubuque, Iowa. *Forester—Barrett Division—Allied Chemical and Dye Company.*

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MARSHALL, HARRY JOHNSON. B.S. 1955, B.A. (Drake), 4824 Laverne Avenue, Klamath Falls, Oregon. *Senior Unit Forester, Oregon State Board of Forestry.*  
 MARTENS, DAVID GUSTAV. B.S. 1961. Rt. 4, Box 262, Princeton, W. Virginia 24740. *Market Analyst, Forest Products Marketing Laboratory, Princeton, W. Virginia.*  
 MARTIN, CHESTER W. B.S. 1924. M.S. 1925. Old Post Road, Old Lyme, Connecticut. *Field Agent—Comm. State Park and Forest Commission.*  
 MARTIN, CHRISTOPH JAMES. B.S. 1953. Naches Ranger Sta. Star Ret., Naches, Washington, 98937. *Asst. Dist. Ranger, Ochoco Natl. For.*  
 MARTIN, JOHN RALPH. B.S. 1949. 1913 Millcreek Way, Salt Lake City, Utah. *Morris-Merrill and Company.*  
 MARTIN, THOMAS CHILDS. B.S. 1953. 5549 Laurel, La Grange, Illinois 60525. *Marketing Manager—Wholesale Division, Edward Hines Lumber Company, Chicago, Illinois.*  
 MATHESON, ROBERT RUSSELL. B.S. 1953, DVM 1961. 121 So. 16 Avenue W. Newton, Iowa, 50208.  
 MATLACK, VIRGIL WAYNE. B.S. 1938. Box 55, 612 Douglas Avenue—Ames, Iowa.  
 MATTHIAS, ARTHUR G. B.S. 1965. Box 661 Williams, Ariz. 86046. *Asst. Ranger—U.S.F.S.*  
 MATTHIESEN, JORGEN. B.S. 1966.  
 MAYBERRY, GERALD DOYNE. B.S. 1952. P.O. Box 267, Colli-brah, Colorado 81624. *District Ranger—U.S. Forest Service, Region 2.*  
 MAYER, CARL ELLIS. B.S. 1943. 140 Hillview Drive, Springfield, Pennsylvania. *In Charge—Forest Survey, Northeastern, Forest Experiment Station.*  
 MAYNARD, DONALD EDMUNDS. B.S. 1950. 7508 W. Indiana, Phoenix, Arizona.  
 MEDIN, DEAN E. B.S. 1957, M.S. (Colo. State U.). Route 3, Box 529, Ft. Collins, Colorado. *Biologist—Colorado Department of Game and Fish.*  
 MEGINNIS, HAROLD G. B.S. 1928, M.S. 1929. 1150 Tessier Dr., Tarpon Springs, Fla. 33589 Retired, U.S. Forest Service.  
 MEHLIN, ALBERT FORD. B.S. 1938. 916 Mill Street, Algoma, Wisconsin. *Purchasing Agent—Algoma Division, U.S. Plywood Corporation.*  
 MEIRSTEIN, GEORGE WENTZ. B.S. 1947. 2406 Jackson Street, Sioux City 4, Iowa. *Thos. Mould Lumber Company.*  
 MELROY, DANA LONN, Capt. B.S. 1954. 471 Tremont Avenue. Orange, New Jersey, 07050.  
 MELTZER, WILLIAM DOUGLAS. B.S. 1963. 1551 Johnson, Medford, Oregon, 97501. BLM, Medford, Oregon.  
 MELVIN, CLAIR RANSOM. B.S. 1933. 809 - 40th Street, Ogden, Utah. *Staff Forester—Regional Office—U.S.F.S.*  
 MELVIN, JAMES KEITH. B.S. 1939, M.S. S(Bot.) 5611 Norwood, Shawnee Mission, Kansas. *Assistant Secretary—Western Retail, Implement & Hardware Association.*  
 MENDELSON, HERBERT LESLIE M. B.S. 1948. Address Uncertain.  
 MENNE, DAVID C. B.S. 1951. 2649 W. 36 St., Davenport, Iowa. Vice President, Huttig Sash and Door Co., and General Manager, Rock Island Millwork Co.

- MERRIAM, ROBERT ARNOLD. B.S. 1951. 616 Pamaele, Kailua, Hawaii. *Research Forester*.
- MERRIMAN, MICHAEL MAYER. B.S. 1956. 1561 Arch Street, Berkeley 8, California. *Military Service*.
- MERRITT, ROGER WILLIAM. B.S. 1951. Box 297, Homerville, Georgia 31634. *Forest Supervisor—Swannee Forest*.
- MESSERSCHMIDT, DALE KEITH. B.S. 1960. Deceased. Killed on 29 Dec. '66.
- MEYER, DONALD L. B.S. 1964, M.S. 1965. U.S. Forest Service, Deer River, Minnesota 56636. Timber Management Assistant, U.S. Forest Service, Chippewa National Forest.
- MEYER, GENE CLINTON. B.S. 1958. Box 121, Mercer, Wisconsin. *Research Forester—Marathon, A. Division of American Can Company*.
- MEYER, ROBERT W. B.S. 1967. Box 375, Sumner, Iowa, 50674. 2 Lt., U.S. Army Engineers (Ft. Benning).
- MEYER, RUSSELL E. B.S. 1926. 107 Lewis Lane, Knoxville, Illinois. *General Manager—Alton Box Board Company*.
- MICKEY, MYRON H., Jr. Deceased '65.
- MICKLEWRIGHT, JAMES THOMAS. B.S. 1952. 7732 Arlen Street, Annandale, Virginia. *Wash. Office*.
- MIDDLESWART, EUGENE LAURENCE. B.S. 1941. 112 Castle Road, Columbia, South Carolina. *Forester, South Carolina Forestry Comm., Columbia South Carolina*.
- MILES, ROBERT L. B.S. 1957. 1136 Riverside Drive, Shawano, Wisconsin 54166. *Assistant District Forester—Wisconsin Conservation Department*.
- MILIUS, HANS CHRISTIAN. B.S. 1936, M.S. 1937. 320 Riverside Blvd., Bend, Oregon 97701. *Forester, Brooks Scanlon Incorporated*.
- MILLARD, NED D. B.S. 1930. 610 Owvhee, Boise, Idaho 83705. *District Supervisor, Idaho State Parks Dept., State of Idaho*.
- MILLER, ALLEN F. B.S. 1924. 12241 Rios Rd., San Diego, Calif. 92128. *Assistant Chief—Division of Recreation and Lands—Washington Office—U.S.F.S.*
- MILLER, CHARLES WILBUR. B.S. 1954. P. O. Box 127, Dessanso, Calif. 92061.
- MILLER, HOMER EDWARD. B.S. 1938. 501 East 79th, New York, N.Y. Colonel—U.S. Army, OAC of SG-4 Pentagon Bldg., Wash. 25, D.C.
- MILLER, JAMES WAYNE. B.S. 1950. 906 S. Lake Street, Lake Mills, Iowa. *Sales Representative—Wendell Brown Lumber Company*.
- MILLER, MILAN M. B.S. 1964. P.O. Box 66, North Haverhill, New Hampshire 03774. *Grafton County Assistant Forester—University of New Hampshire Cooperative Extension Service*.
- MILLER, NORMAN RAYMOND. B.S. 1939. 3617 Patrick Henry Drive, Olney, Maryland, 20832. *Deputy Mobilization Officer, U.S. Civil Service Commission, 1900 EST N.W., Washington, D.C.*
- MILLER, RALPH ROBERT. B.S. 1951. 1229 Brandt Dr., Tallahassee, Fla.
- MINOR, CHARLES OSCAR. B.S. 1941, Ph.D. (Duke). 2114 North Navajo Drive, Flagstaff, Arizona 86001. *Head, Department of Forestry, Arizona State College*.
- MITCHELL, CLARK JAY. B.S. 1963. 1525 Oak, Marinette, Wisconsin. *Sales Analyst, Unit Structures*.
- MITCHELL, LEO ANGELS. B.S. 1953. 6220 McKinley, Des Moines, 21, Iowa. *Frank Paxton Lumber Company, Des Moines, Iowa*.
- MOEHLER, MANFRED A. B.S. 1951. 105 Woodland Rd., Rockingham, North Carolina. *Assistant District Forester, North Carolina Forest Service*.
- MOESSNER, KARL E. B.S. 1930. 2853 Van Buren, Ogden, Utah 84403. *Semi-retired, Self-employed*.
- MOLLISON, ALLAN WESLEY. B.S. 1942. 1415 W. Wetmore Road, Tucson, Arizona.
- MONTGOMERY, JOEL R. B.S. 1947. 791 S. Vine, Denver, Colorado 80209. *Sales, Gittings Lumber Company*.
- MOODY, ELBRIDGE R. B.S. 1949. 418 Bowen Street, Longmont, Colorado.
- MOORHEAD, DONALD WAYNE. B.S. 1940. P.O. Box 418, Pineville, Louisiana. *Vice President—Kellogg-Graves, Moorhead Lumber Company*.
- MORDHORST, RONALD LEE. B.S. 1961. 217 N. 75th Street, E. St. Louis, Illinois.
- MOORHOUSE, WILLIAM HENRY. B.S. 1947. Glidden, Iowa. *Secretary—A Moorhouse Company*.
- MORAVETS, F.S. B.S. 1922. 5236 Southwest Burton Drive, Portland, Oregon. *Retired*.
- MOREY, HAROLD F. B.S. 1929. 2915 Peregrine Drive, Kensington Heights, Maryland. *Forester—Division of Flood Prevention & River Basin Programs—Washington Office*.
- MORGAN, DONALD JAMES. B.S. 1955. 3459C, Valerie Arms Drive, Dayton, Ohio 45405.
- MORGAN, ROBERT LEE. B.S. 1951. 1840 Griffin Street, Bismarck, North Dakota.
- MORLOCK, JEROME FRANKLIN. B.S. 1947. 4724 Foster Way, Carmichael, California, 95608. *Forester, U.S. Bureau of Land Management*.
- MORRIS, ROGER D. B.S. 1922. 5518 E. North Wilshire Drive, Tucson, Arizona 95711. *Retired*.
- MORRIS, DORSEY JACKSON. B.S. 1935. 265 Sunset Blvd., St. Helens, Oregon, 97501. *Senior Research Engineer, aKiser Gypsum Co. Inc.*
- MORRISON, LARRY DEAN. B.S. 1964. 1036 3rd Southeast, Apt A, Cedar Rapids, Iowa, 52403.
- MORRISON, NEAL JAMES. Pvt. B.S. 1963. HQ Co/3rd Log. Comd., AG APO, New York 09058.
- MORRISON, ROGER ADAM. B.S. 1959. 1108 S. 11th, Montrose, Colorado. *Sales Engineer, Unit Structures, Inc.*
- MORTENSEN, JAMES MELVIN. B.S. 1951. 1050 North 25th Street, Fort Dodge, Iowa. *Nebraska Bridge Supply Co.—Lumber Co.*
- MOSER, HAROLD C. B.S. 1931. 4601 Allmond Ave., Louisville 14, Kentucky. *Vice President, Gamble Brothers*.
- MOSS, RONALD A. B.S. 1947. 216 W. Owens Ave., Bismark, N.D. 58501. *Director of Laboratories, Quain & Ramstad Clinic & Bismark Hospital*.
- MUELLER, RICHARD LAWRENCE. B.S. 1951. Route 1, Oregon, Parkdale, Ore. 97047. *Timber Management Assistant, Willamette National Forest*.
- MUHM, ROBERT EUGENE. B.S. 1950. 2308 Florimond Avenue, Michigan City, Indiana. *Plant Superintendent, Wood Conversion Company*.
- MULHOLLAND, JOHN PATRICK. B.S. 1961. Clinton, Iowa (Uncertain). *Partner—Nursery*.
- MULLEN, FRANKLIN HARRY. B.S. 1938. 302 University, Donelson, Iowa. *Work Unit Conservationist, Soil Conservation Service*.
- MULLER, PAUL MAX. B.S. 1935. Route 1, Musgrove Extension, Clinton, South Carolina. *Area Forester—Continental Can Company*.
- MUNGER, ROBERT JACKSON. B.S. 1948. 460 Crestview, Lebanon, Ohio 45036. *Farm Forester—Ohio Department of Natural Resources*.
- MUNSON, WILLARD EMANUEL. B.S. 1949. 9965 So. W. McMillan, Beaverton, Oregon. *Salesman and Engineer, Moore Dry Kiln Company*.
- MUNTZ, HILTON D. B.S. 1958. 219 Hicks, Plainwell, Michigan. *Hardwood Forester, Michigan Department of National Resources*.
- MURPHY, DENNIS DOYLE. B.S. 1966. 210 Admiral Way, Juneau, Alaska 99801.
- MURPHY, WILLIAM EUGENE. B.S. 1952. 14800 Lata Vista Drive, Elm Grove, Wisconsin. *Manufacturers Representative, A. J. Dunsmore Company*.
- MUSSELMAN, ROBERT CARL. B.S. 1964, M.S. 1967. 2101 Fairbanks Street, Sioux City, Iowa, 51109.
- NAGEL, JOHN P. B.S. 1927, M.S. (Ind. Sci.). 401 Campus Avenue, Pullman, Washington. *Chairman—Department of Forestry & Range Management, State College of Washington*.
- NAGEL, SAM REED. B.S. 1958. 3048 S.W. Kirk, Pendleton, Oregon 97801. *Assistant Staff—Umatilla Nat. For.*
- NAGEL, WILLIAM M. B.S. 1914. Deceased.
- NEEDHAM, PAUL EUGENE. B.S. 1951, M.S. (N.Y.). 1556 Third Street, Boone, Iowa. *Military Service*.
- NASER, CLIFFORD ROBERT. B.S. 1963. 1818 Floral Avenue, Fort Dodge, Iowa. *Branch Manager, Turf Kings, Inc.*
- NELSON, BRUCE S. B.S. 1965. 3311 Silverside Road, Longwood, Wilmington, Delaware. *Forester, Western Soil Management Corp. 3909 Baltimore Avenue, Philadelphia, Pa. 19104*.
- NELSON, DAVID KENT. B.S. 1959. Big Bear Ranger Station, Big Bear City, Calif. 92314. *District Ranger, Big Bear District, San Bernardino National Forest, U.S. Forest Service*.
- NELSON, DEWITT. B.S. 1925. Department of Forestry, Bessey Hall, ISU, Ames, Iowa 50010. *Professor of Forestry*.
- NELSON, HAROLD ALBERT. B.S. 1941. Rlymouth, North Carolina. *Chief Forester, North Carolina Pulp Co.*
- NELSON, HERBERT EDWARD. B.S. 1948. Rt. 3, Box 523, Roseburg, Oregon. *U M P Q U A Power District Supt., Pacific Power & Light Co.*
- NELSON, JOHN PAUL. B.S. 1952. 6317 Westtower Drive, Oakland, California.
- NELSON, NEIL DOUGLAS. B.S. 1966. 2929 Curry Parkway No. 1, Madison, Wisconsin 53713. *Researcher, U.S. Forest Products Laboratory*.
- NELSON, RUSS. 3600 Farnklin, Des Moines, Iowa 50310. *Public Relations officer, Photo reporter*.
- NELSON RUSSELL GORDON. B.S. 1965. 5841—73rd Ave. North Apt. #134, Minneapolis, Minn. 55429. *Commercial Photographer*.
- NERVIG, STANLEY O. B.S. 1951. Marcus, Iowa. *Assistant Cashier, Farmers State Bank, Marcus Iowa*.
- NESBITT, GEORGE GIBSON. B.S. 1952. 5767 S. Hickory Drive, Littleton, Colorado 80120. *Vice President, Denver Wood Products Co.*
- NETHERTON, DALE LEROY. B.S. 1963. R.R. 4, Livingston, Texas. *Forester (grade II) International Paper Co., Murfreesboro, Ark.*
- NEVELN, KENNETH HAROLD. B.S. 1949. 200 Poinsettia Drive, Alexandria, Virginia, 22306. *Personnel Management, U.S.F.S. (Region 8 Office)*.
- NEWLAND, HARROD BRADFORD. B.S. 1931. 207 Crestwood Drive, Frankfort, Kentucky.
- NEWVILLE, DAROLD FLOYD. B.S. 1934.
- NICHOLS, FLOYD A. B.S. 1930. 6425 Malvey, Fort Worth, Texas 76116. *Staff Forester, Carson National Forest*.
- NICOL, ROBERT ALLEN. B.S. 1940. Route 1, Box 31, Suisun, California. *Pilot C-142 to Far East, U.S. Air Force*.
- NIELSEN, RICHARD LEE. B.S. 1957. 6919 N.E. Broadway, Portland, Oregon 97213. *Research Forester, P.N.W. Forest Experiment Station*.
- NILES, JAMES ROBERT. B.S. 1949. Route 2, Box 21J, Placerville, California. *Forester, Eldorado National Forest*.
- NILLES GERALD L. B.S. 1964. 513 Barnes, Medford, Oregon 97501. *Forester, Bureau of Land Management*.
- NISSSEN, PAUL FRANK. B.S. 1936. 3008-D Avenue Northeast, Cedar Rapids, Iowa. *Vice President, Nissen Trampoline Company*.
- NORMAN, DEAN FREDERICK. B.S. 1951. P.O. Box 202, 3275 Forest Avenue., Medford, Oregon. *Lumber Buyer, Western Lumber, Inc.*
- NORTON, CALVIN LEE. B.S. 1962. 905 E. Morningside Dr., Fulton, Mo. 65251. *U.S. Forest Service*.
- O'BANION, A. C. B.S. 1912. Fertile, Minnesota.
- O'BRIEN, WILLIAM JOHN. B.S. 1963. 707 N. 4th Avenue, Sandpoint, Indiana, 83864.
- OBYE, KENNETH D. B.S. 1948. 140 Briarcliff Lane, Danville, Virginia 24541. *Wood Procurement Supt. (Hardboard Plant), United States Gypsum Co.*
- OELSCHLAEGER, ROLAND WM. B.S. 1940. Monroe City, Mis. Ave. S.E., Box 423, Bellevue, Washington. *Production Standards Engineer, Cascades Pluwood Corporation*.
- OELSCHLAEGER, ROLAND WM. B.S. 1940. Monrole City, Missouri. *Owner, Greenhouse*.
- OILSCHLAGER, ELLSWORTH EARL. B.S. 1949. 410 Island Avenue, Port Edwards, Wisconsin. *Nekoosa-Edwards Paper Company*.



- OLSEN, DALE CANFIELD. B.S. 1942. 2430 Cedar Oak Drive, Apt. 3, Edmond, Oklahoma, 73034. *District Manager, Southwestern Bell Telephone Company.*
- OLSON, EARL FRANKLIN. B.S. 1933. M. F. (Duke), Norris, Tennessee 37828. *Forester—Division of Forestry Relations, Tennessee Valley Authority.*
- OLSON, OLIVER LEO. B.S. 1935. 60 Ruby Lane, Eugene, Oregon. *Owner, Grocery Store.*
- OLSON, PAUL LAVERN. B.S. 1950. 609 W. Center Street, Cambridge, Illinois. *Farm Forester, Illinois Division of Forestry.*
- OLSON, ROY W. B.S. 1929. 6001 Landon Lane, Bethesda 14, Maryland. *U.S. Forest Service—Washington 6, D.C., Staff to Deputy Chief, F.S. Administration.*
- OMODT, DON GORDON. B.S. 1957. 1541 Brandywine, San Mateo, California 94402. *Sales Engineer, Timber Structures, Inc.*
- OMUNDSON, FREDERICK LEE. B.S. 1957. 724 Maple Drive, Griffin, Georgia, 30223. *Unit Structures.*
- O'NEAL, ROGER EUGENE. B.S. 1949. 777 Crest Dr., Eugene, Ore. *Sales Mgr., Roseburg Lumber Company, Box 1088, Roseburg, Oregon.*
- O'NEILL, GORDON KEITH. B.S. 1937. Address Uncertain.
- ONKEN, GENE ALBERT. B.S. 1960. 145A University Village, I.S.U., Ames, Iowa. *Forester, Weyerhaeuser.*
- ORCUTT, DAVID ALLYN. B.S. 1959. 3103 Velma Parkway, Des Moines, Iowa, 50310. *Iowa Power and Light Company, Des Moines, Iowa.*
- OSHER, ERNEST K. 1561 Texas, Howestad A.F.B., Fla.
- OSTERMANN, DELBERT HENRY. B.S. 1935. R.R. No. 1, Ames, Iowa. *Director of Purchasing Stores, Iowa State University.*
- OTIS, WARREN, Box 21, Boone, Iowa.
- OVERBY, JAMES FREDERICK. B.S. 1937, M.S. (Voc. Ed.), Box 32, Marble Rock, Iowa 50653. *Science Teacher, Marble Rock High School.*
- PAAKKONEN, ONNIE EDWARD. B.S. 1954. 458 Chenault Avenue, Hoquiam, Washington. *Forester, Administration Bureau of Indian Affairs.*
- PARCHER, DICK L. B.S. 1967. 1324 26th Street, Des Moines, Iowa.
- PARKER, CHARLES ARTHUR. B.S. 1949. 1615 Duff, Ames, Iowa. *Iowa Highway Commission.*
- PARKER, CHARLES WM. (Lt.). B.S. 1941, M.S. (Drake). 4124 Rose Hedge Dr., Des Moines, Iowa. *Science Teacher, Jr. High, Des Moines School System.*
- PARKER, DARREL F. B.S. 1954. Laboratory Assistant, Dept. of Botany and Plant Pathology, Iowa State University, Ames, Iowa.
- PARMALEE, THOMAS EDWIN. B.S. 1966. 38½ Boulder Crescent, Colorado Springs, Colo. 80903. *Coin Dealer.*
- PARSONS, JACK DALE. B.S. 1951. 4250 Crater Lake Highway, Medford, Oregon.
- PARSONS, JOHN WILSON. B.S. 1949, M.S. Zool. USAID, APO New York, 09683. *Supervisory Biologist, U.S. Bureau of Commercial Fisheries.*
- PATTERSON, ARCHIE EDGAR. B.S. 1937, M.S. 1938. 520 Castalia Avenue, Athens, Georgia. *Professor of Forest Management, School of Forestry, University of Georgia.*
- PATTERSON, DEAN EDWARD. B.S. 1951. 521-15th Street, Boone, Iowa.
- PATTERSON, LLOYD MORRIS. B.S. 1948. Box 233, Oskaloosa, Iowa. *Work Unit Conservationist, Soil Conservation Service.*
- PATTERSON, DOUGLAS HAIG (Col.). B.S. 1940. 703 N. Pryor Street, Alexandria, Virginia 22304. *Chief Military Plans Division, Hq. Defense Supply Agency.*
- PATTERSON, THOMAS ARCHIE. B.S. 1950. 1123 Magnolia Drive, Tacoma, Washington. *West Coast Buyer, Weyerhaeuser Company.*
- PATTON, JOE CHARLES. B.S. 1948. 4111 Beach, Tillamook, Oregon. *Forester, U.S. Bureau of Land Management.*
- PAULSEN, HAROLD ALFRED, Jr. B.S. 1948, M.F. Yale. 7705 Iroquois Court, Falls Church, Virginia. 22043. *Range Conservationist, Rocky Mountain Forest and Range Experiment Station.*
- PAULSON, RODNEY ALLEN. Deceased.
- PAULSON, ROLAND ARTHUR. B.S. 1950. 73 Fair Oak Dr., Medford, Oregon 97501. *Bureau of Land Management.*
- PECARO, GEORGE J. B.S. 1930. 7 Butternut Hollow, White Plains, N.Y. 10604. *President, The Flintkote Co.*
- PEDERSON LLOYD J. B.S. 1966. 1945 N.W. Lamont, Roseburg, Oregon. *Forester, Dept. of Revenue, State of Oregon.*
- PERKINS, JOHN BRYANT. B.S. 1957. 125 S. Driftwood Dr. Gold Beach, Oregon. *Early Winters Ranger Station, Mazama, Washington, Resource Assistant Ranger.*
- PERRIER, JOHN DAVID. B.S. 1949. Sheldahl, Iowa, (Grain, Lumber, etc.). *Sheldahl Co-operative.*
- PERRY, JAMES ROBERT. B.S. 1936. c/o Simpson Redwood Company, P.O. Box 35, Arcata, California. *Simpson Redwood Company.*
- PERRY, LARRY GEORGE. B.S. 1964. Van Wert, Iowa.
- PETERS, DANNY LEE. B.S. 1958. U.S.F.S., Pagosa Springs, Colorado. 81147. *Forester, Black Hills National Forest.*
- PETERS, GEORGE J. Deceased.
- PETERSEN, ANSEL NICHOLAI. B.S. 1938. Route 1, Box 450, Yankton, South Dakota. *Reservoir Manager, Gavins Point Dam.*
- PETERSEN, CHARLES JENNINGS. B.S. 1949. 15355 S.W. Division Street, Beaverton, Oregon 97005. *Asst. Director—research admin., Pacific N.W. Forest Range Experiment Station, Portland, Oregon.*
- PETERSON, EMMANUEL JESS. B.S. 1949. 8015 Gasport Lane, Springfield, Virginia. *District Forester, Bureau of Land Management.*
- PETERSON, JOHN JANIS. B.S. 1963. 223 South 15th Avenue, Maywood, Illinois.
- PETERSON, ORIN JUSTIN. B.S. 1963. 1309 Long Court, Sterling, Illinois. *J. J. Fitzpatrick Lumber Company (Wholesale), Madison, Wisconsin.*
- PETERSON, ROBERT EUGENE. B.S. 1954. 110 Partridge Drive, Grass Valley, California. *Impact Survey Staff, USFS.*
- PETERSON, ROBERT ROLAND. B.S. 1954. R.F.D. 3, Box 975, Enumclaw, Washington. *Forester, Weyerhaeuser Company.*
- PFEIFER, RAYMOND EDWARD. B.S. 1941. 2002 Lagoon Drive, Route 2, Okemos, Michigan. *Forest Survey Coordinator, Michigan Department of Conservation.*
- PFEIFFER, HERMANN KARL. B.S. 1938. 906 Grover Avenue, Cottage Grove, Oregon. *Owner—Pfeiffer Lumber Company, Yoncalla, Oregon.*
- PFISTER, ROBERT DEAN. B.S. 1960. 707 Redwood, Missoula, Montana 59801. *Project leader (Silviculture of western larch & engelmann spruce), U.S. Forest Service, Intermountain Forest & Range Experiment Station.*
- PHARES, ROBERT EUGENE. Ph.D. 1964. Ames, Iowa.
- PHILLIPS, GUY ELLSWORTH. B.S. 1940. 6408 Springdale Road, Cincinnati, Ohio, 45239. *Plant Manager, Koppers Company, Inc.*
- PHILLIPS, RAYMOND REX. B.S. 1938. 810 Minneapolis Ave., Gladstone, Michigan. *Birds Eye Veneer Company.*
- PHINNEY, HARTLEY KEITH. B.S. (N.Y.), M.S. 1939. 53 Deacon Hill Road, Stamford, Connecticut. *Technical Representative—Bakelite Division, Union Carbide and Carbon Corporation.*
- PHIPPS, KENNETH LYLE. B.S. 1967. Runnells, Iowa.
- PICKFORD, GERALD D. B.S. 1926. 432 Meadowview Road, Forest Grove, Oregon. *Retired.*
- PICOTTE, GORDON PIERRE. B.S. 1947. 3901 East Skinner, Wichita, Kansas. *Sales Representative—Long Bell Lumber Division, International Paper Company.*
- PIEPEL, JOHN DANIAL. B.S. 1966.
- PIERATT, WILLIAM JOHN. B.S. 1964. Pine Ranger Station, Halfway, Oregon. 97834. *U.S. Forest Service. Prospect, Oregon.*
- PIERCE EDWIN C. B.S. 1959. 384 Greenwood, Akron, Ohio. *Assistant County Prosecutor, Summit County, Akron, Ohio.*
- PIERCE, RICHARD CLIFTON. B.S. 1962. 216 Winona Place, Cadillac, Michigan, 49601. *U.S. Forest Service.*
- PIERCE, RICHARD F. B.S. 1959. P.O. Box 253, Twisp, Washington. *Resource Assistant, Twisp Ranger District, Twisp, Washington.*
- PIETSCH, WESLEY WILLIAM. B.S. 1949. Carrolls, Washington. *Partner, Carroll's Sawmill Company.*
- PILLSBURY, STERLING OREN. B.S. 1957. 1525 Park Grove Rd., Catonsville, Md. *Military Service.*
- PINNEO, JAMES EDWARD. B.S. 1949. Box 525, McNary, Arizona 85930. *Area Supervisor Southwest Forest Industries Inc.*
- PIPHO, HAROLD LEONARD. B.S. 1959. R.R. No. 1, Box 720, Wilsonville, Oregon. *U.S. Forest Service—Computer Programmer, Tillamette National Forest, McKenzie Ranger District, McKenzie Bridge, Oregon.*
- PIZZANO, VINCENT PASQUALE. B.S. 1941. Route 1, Pownal, Vermont. *Owner—Pizzano Construction Company, Inc.*
- PLACGE, JAMES. Univ. of Ill. Project, Box 43, APO San Francisco, Calif. 96272.
- PLANK, MARLIN EDWARD. B.S. 1959. 19101 N.E. Wasco Court, Troutdale, Oregon. *Forester, Pacific N.W. Forest and Range Experiment Station.*
- PLASS, WILLIAM TRAVER. B.S. 1948, M.S. (Mo.), 115 Cherry Road Court, Berea, Kentucky. *Supt. Kaskaskia Experimental Forest, Central States Forest Experiment Station.*
- PLOEN, DELBERT LEE. B.S. 1955. 227 5th Avenue N., Hopkins, Minnesota 55343. *President Quality Control Commercial Solvents Corps.*
- PLUM, BRUCE ELDON. B.S. 1950. 404 W. Washington, Fairfield, Iowa. *Forester, State Conservation Commission.*
- POHLE, EDWIN W. B.S. 1922. 14466 Oak Place, Saratoga, California. *Owner Southern Lumber Company, San Jose, California.*
- POLENZ, ALLAN RUDOLPH. B.S. 1959. Silver Lake, Oregon, 97638.
- POLLARD, ROBERT LAMAR. B.S. 1947. 4621 Sherwood Court, Downers Grove, Illinois. *Sales Representative, Edmund Allen Lumber Company.*
- PONOMAREFF, NICHOLAS V. B.S. 1933. Deceased 11-19-69.
- POPP, RICHARD DUANE. B.S. 1953. 1000 Civic Way, Coulee Dam, Washington 99116. *Forester, Bureau of Indian Affairs.*
- PORTER, GEORGE ISACC. B.S. 1943. 173 Huckins Avenue, Squantum 71, Massachusetts. *Manufacturers Representative—Owner, Porter, Rogers, Heaton, Manufacturers Rep. to Sporting Goods.*
- POSEKANY, RICHARD LEO. B.S. 1951. Box 545, 171 S.E. Ivy, Mill City, Oregon 97360. *Timber Manager, Frank Lumber Co. Inc.*
- PORTER, MATTHEW ARDEN. B.S. 1941. Fayette, Iowa. *Farming.*
- POSTEN, WILLIAM EUGENE. B.S. 1949. 508 W. Orange St., Clarinda, Iowa. *Teacher, Greenfield Community High School.*
- POTTER, EWART DIAMOND. B.S. 1932. 935-13th Avenue North, Route 1, Clinton, Iowa.
- POTTER, GLEN WILLIAM. B.S. 1950. 1025-23rd, Longview, Washington.
- PRESTON, DEAN RODNEY. B.S. 1214 Garfield, Ames, Iowa. *Research, Calif. Forest Products Laboratory.*
- PREY, ALLEN JOHN. B.S. 1957. 613 N. Midvale Blvd., Madison, Wisconsin. *Assistant District Forester, Wisconsin Conservation Department.*
- PRICE, WILLIAM F. B.S. 1950, M.S. N.C. St. 2065 N.W. Luth, Roseburg, Oregon. 97470.
- PRITCHARD, RONALD COURTNEY. B.S. 1962. Box 481, Petersburg, Alaska. *Timber Management, Katchikan, Alaska.*
- PRIESTER, F.T. B.S. 1931. 5964 Guthrie Street, Los Angeles 34, California.
- PROCTOR, ROBERT EUGENE. B.S. 1939. 1714 Verda, Redding, Oregon. *Forester, Bureau of Land Management.*
- PROEGER, LINDEN PAUL. B.S. 1952. Route 1, Box 151, Prophetstown, Illinois. *Inspector—Tie and Treating Department, Sante Fe Railways Company.*
- PROUT, JOHN CLARENCE. B.S. 1923. 411 E. 101 Street, Minneapolis, Minnesota. *Retired.*
- PRUETT, EMERSON W. B.S. (Purdue), M.S. 1960. S. Slaughter Drive, Athens, Ohio. *U.S. Forest Service.*
- PRIEIVE, ARMIN L. 1028 S. Penn., Denver, Colorado.
- QUADE, ROBERT LEE. B.S. 1957. 1905 Las Camas N.E., Albuquerque, New Mexico 87111. *Forester, Torto National Forest.*
- QUAINTANCE, MICHAEL F. B.S. 1956. 2076 Bootmaker Lane, Bloomfield, Hills, Mich. *Vice President COPCO Papers Inc., division of ALCO Stanard Corp.*



- QUINTUS, RICHARD LOUIS. B.S. 1941. 3908 Annandale Rd., Annandale, Va. *District Forester, U.S. Bureau of Land Management.*
- QUIRIN, ARTHUR FREDERICK. B.S. 1942. Route 2, 1323 Oakdale, Dallas, Oregon. *Life Insurance, Special Agent N.W. Mutual Ins. Co. Milwaukee.*
- QUIRK, JOHN THOMAS. B.S. 1956. M.S. (Syracuse). 117 North Franklin Ave. Madison, Wisconsin. *Research Forester, Forest Products Lab. Madison, Wisconsin.*
- RADCLIFFE, ARTHUR DELL. B.S. 1940. 3513 Lake Shore Drive, N. Little Rock, Arkansas. *Manager, Koppers Company, Inc. (Pinney Plant)*
- RADEKE, ROBERT VAUGHN. B.S. 1966. Hiawassee Land Co., District Office, Kingston, Tenn.
- RAMSEY, ROGER ALLEN. B.S. 1950. P.O. Box 417, Window Rock, Arizona. *Forester, Navajo Agency, U.S. Bureau of Indian Affairs.*
- RANDOLPH, CALVIN COOLIDGE. B.S. 1950. 541 West Emerson Ave., St. Paul 18, Minnesota.
- RARDIN, DONALD LEE. B.S. 1959. Box 102, Maquon, Ill.
- RASH, JAMES KENT. B.S. 1960. 2301 N. Columbia Blvd., Portland, Oregon. 97217. *Supervisor, Treated Fibers (Simpson).*
- RASMUSON, DEAN AUGUST. B.S. 1958. Box 217, Hot Sulphur Springs, Colorado, 80451. *District Ranger, Roosevelt National Forest.*
- RATCLIFF, KENNETH PERCY (Maj.). B.S. 1946 *Captain, U.S. Army U.S.A.D. Japan, Dir. of Maintenance, APO San Francisco 96343.*
- RAUM, HANS ROLAND. B.S. 1946. 5608 Jackson Street Ext., Alexandria, La. *Regional Office, U.S. Forest Service, 50-7th Street N.E., Atlantic 23, Georgia.*
- RAUN, LYLE HENRY. B.S. 1950. 625 Brewer St., Webster City, Iowa. *Assistant Manager, Farmers Lumber Company.*
- RAWLEY, JAMES EDWARD. B.S. 1954. 1327 So. Inca, Denver, Colorado. *Sales Engineer, Fisher Governor Company.*
- RAWLINS, DON EUGENE. B.S. 1951. Route 1, Richmond, Illinois. *Self-employed, Rolling Acre Orchard.*
- READINGER, EUGENE HAROLD. B.S. 1951. Route 3, Box 375 AR, Bogalusa, Louisiana. *Area Forester, Gaylord Container Division, Crown Zellerbach Corporation.*
- RECKLER, DONALD VERNON. B.S. 1960. R.R. 2, Runnells, Iowa. 50237. *Wright Tree Service.*
- REEDER, DOUGLAS. B.S. 1938. *Deceased, July 31, '63*
- REHFELDT, RICHARD FREDERICK. B.S. 1948. 212 Kings Way, Central Point, Oregon 97502.
- REHM, ROLAND STEWART. B.S. 1951. 2N 359 Pleasant, Glen Ellyn, Illinois. *Area Representative Industrial Marketing Div., Potlatch Forests, Inc.*
- REIMER, JEFFREY J. B.S. 1965. 1255 W. Quinalt, Eugene, Oregon. 97401.
- REISSEN, GARY A. B.S. 1965. Colo. State Forest Service, Alamosa, Colo. *District Forester, Colo. Forest Service.*
- REISTROFFER, ROBERT JOHN (Lt.). B.S. 1939. Address Unknown. *Military Service.*
- REHARD, LAWRENCE PAUL. B.S. 1951. *Deceased, March 7, '66. Plant Superintendent, Wood Preservation Div., Dierks Forests, Incorporated.*
- RENAUD, JULES SINTON. B.S. 1936. 8013 Yorktown Drive, Alexandria, Virginia. *Public Information Specialist, (TV) Information & Education, U.S. Dept. of Agr.*
- RENAUD, RAY ELDON. B.S. 1954. 2404 Brentwood, Springfield, Mo. 65804. *Plant Manager, Cloud Flex-block, Cloud Oak Flooring Co., Springfield, Mo.*
- RENKEN, DENNIS PAUL. B.S. 1961. 755 Seary Rd., Apt. 84, Corvallis, Oregon. 97330. *Grad Student, Portland State College.*
- RETTENMAIER, JAMES JOHN. B.S. 1956. 430 Redwood Street, Morristown, Tennessee, 37814. *The Milwaukee Chair Co., 3022 W. Center, Milwaukee, Wisconsin.*
- REVES, ROGER G. B.S. 1961. 309 Brookview, East Peoria, Ill. 61611. *Field Services Representative, American Plywood Association.*
- REYNOLDS, EUGENE EDWARD. B.S. 1949. 3517 Gladden Drive, Louisville, Kentucky. *Forester, Wood-Mosaic Corp.*
- REYNOLDS, LEROY AUGUST. B.S. 1911. 6319-33rd Street N.W., Washington 15, D.C. *Retired.*
- RHEINER, STANLEY P. B.S. 1940. YMCA, Washington State College, Pullman, Washington. *Executive Secretary, Y.M.C.A., Washington State College.*
- RHODY, JOHN PATRICK. B.S. 1940. 518 Meadow Hill Drive, Dawson Springs, Kentucky 42408. *Associate Director, Nursery Operations, Kentucky Division of Forestry.*
- RICE, WILLIAM. B.S. 1942. 1042 Floral Drive, S.E., Grand Rapids, Michigan 49506. *Wholesale Lumber Salesman H. E. Luedtke & Associates.*
- RICHARDS, MERRILL EUGENE. B.S. 1954. P.O. Box 782, Camp Clover, Williams, Arizona. *U.S. Forest Service, District Ranger, Chalender R. A. Kaibab, N.F.*
- RICHARDSON, DEAN ELLSWORTH. B.S. 1957. 118-11th St., Tell City, Indiana.
- RICHMAN, HUGO WILLIAM. B.S. 1934. 1422 W. Lincoln, Freeport, Illinois. *Soil Conservationist, Soil Conservation Service.*
- RICHMOND, HOWARD HENRY. B.S. 1912. Cass Lake, Minnesota. *Timber Producer.*
- RIDDLE, DONALD D. B.S. 1950. 1018 N. Harrison St. Arlington, Va. 22205. *Staff Forester, Bureau of Land Management.*
- RIESEN, GARY A. B.S. 1965. 4190 S. 39 Mile Rd., Cadillac, Mich. 49601. *Manager, Michigan Division Emerald Christmas Tree Co.*
- RIGGLEMAN, FREDRIC DALE. B.S. 1942. 1375 N. Euclid Avenue, Upland, California. *Owner-Operator of wholesale fruit and grocery company.*
- RILEY, JOHN PAUL. B.S. 150. 3413 Carpenter St. S.E. Washington, D.C. 20020. *Photogrammetrist, U.S. Naval Hydrographic Office, Washington, D.C.*
- RINDT, CHARLES A. B.S. 1927. 3328 Wilkins Drive, Falls Church, Virginia, 22041. *U.S. Forest Service.*
- RINGHEIM, HORACE IVES. B.S. 1913. *Deceased Jan. 11, '65*
- RISE, CARL HALLEY, B.S. 1938. M.S. (N.Y.) 707 Pueblo, Soland, N.W., Albuquerque, New Mexico 87107. *President, Best Molding Corporation.*
- RITCHE, JOHNIE MARION. B.S. 1963. 345-31st St., Boulder, Colo. 80302. *Student (law) U. of Colo.*
- RITTER, WILLIAM CHARLES. B.S. 1952. Box 662, Elkador, Iowa. *District Forester, Iowa Conservation Comm.*
- ROBBINS, LARRY L. B.S. 1964. RR#1, Box 396-B, Park Falls, Wisconsin 54552. *Project Liaison Officer (Project Sanguine), U.S. Forest Service.*
- ROBINSON, VERNON LEE. B.S. 1956. 189 Tara Way, Athens, Georgia 30601. *Research Forester, Southeastern Forest Experiment Station.*
- ROCCA, JAMES PETER. B.S. 1963. 617 West State, Marshalltown, Iowa.
- ROCHE, LLOYD J. B.S. 1931. Kahoka, Missouri. *Farming.*
- ROCKWOOD, FRANK BRADFORD. B.S. 1947. Tifton, Georgia. *New River Lumber Manufacturing Company.*
- ROGERS, DONALD DEAN. B.S. 1958. Box 482, Del Norte, Colorado, 81132.
- ROGERS, EUGENE HOWARD. B.S. 1943. *Deceased.*
- ROSS, HARMON LEE. B.S. 1951. 1416 S. Cotia, Camden, Arkansas. *District Forester, State Forestry Commission.*
- ROTH, PAUL S. B.S. 1959. *Timber Sales, Shoshone National Forest.*
- ROTTMAN, WILLIAM RUSSELL. B.S. 1935. 127-3rd Street, Yucaipa, Calif. 92399.
- ROTTY, ROLAND W. B.S. 1928. 806 Fifteenth Street, Alexandria, Virginia. *Retired from U.S.F.S. in 1968 after 40 years continuous service since graduating from Ames.*
- ROUPE, R. VINCENT. 1066 Remington Drive, Sunyvale, Calif. 94087.
- ROZEBOM, WILLIAM BRUCE. B.S. 1950. 2702 Northwood, Ames, Iowa. *Field Supervisor & Sales, Representative-Osmose Wood Preserving Co.*
- RUMMELL, ROBERT SUTHERLAND. B.S. 1941, M.S. 1942. Division of Range Management, U.S.F.S., South Building Agriculture, Washington 25, D.C. *In charge, Range Allotment Analysis, U.S. Forest Service (Washington Office).*
- RUNKEL, SYLVAN THOMAS. B.S. 1930. 3101-45th Street, Des Moines, Iowa. *Field Biologist and Forester, Soil Conservation Service (307 Old Fed. Bldg.).*
- RUPPELT, JAMES MAXWELL. B.S. 1951. P. O. Box 1216, Juneau, Alaska, 99801. *Import Survey Officer, Stanislaus National Forest.*
- RUS, WILLIAM EDWARD. B.S. 1958, 1933 Maple Street, North Bend, Oregon. *Forester, U.S. Bureau of Land Management.*
- RUSH, PAUL ALBERT. B.S. 1957. 582 Yorktown Road, Chicago Heights, Illinois. *Wood Technologist, Furniture Technical Service Department, Sherwin-Williams Paint.*
- RUSH, WAYNE MARTIN. B.S. 1950. 712 S. Locust Street, Jefferson, Iowa. *Manager, Ferguson, Diehl Lumber Company.*
- RUSSELL, ROBERT JAMES. B.S. 1954. 524 Congress Street, Bend, Oregon 97701. *Cascades Plywood Corporation.*
- RUTTER, FRANK J. *Deceased*
- RYAN, FLOYD THOMAS. B.S. 1940. 379 Sharron Lane, White Bear Lake, Minnesota, 55110. *Executive Secretary, "Resources Development Office", Minneapolis Area Office, Bureau of Indian Affairs.*
- RYAN, STEPHEN OWEN, B.S. 1960. 1416 Elizabeth Street, Rhineland, Wisconsin.
- RYDBERG, RONALD VERNON. B.S. 1962. 462 Burnley Lane, Dexter Hill, Pennsylvania 19026. *Research Forester, N.E. Forest Experiment Station.*
- RYMER, KARL ROBERT. B.S. 1952. 1431 Crest Drive, Route 3, Box 139, Eugene, Oregon. *Forester.*
- SABA, EDWARD JOSEPH. B.S. 1951. 3650 Hayes, Corvallis, Oregon. *U.S. Plywood.*
- SACK, IVAN N. B.S. 1933. 30 Frandsen Circle, Reno, Nevada. *Forester, U.S. Forest Service, U.S.D.A.*
- SADDORIS, THOMAS JEFFERSON. B.S. 1937. 440 Moreland Drive, Franklin, Pennsylvania. *Staff Engineer, Chicago Pneumatic Tool Company.*
- SAFRANEK, JOHN OTTO. B.S. 1948. Route 4, Cresco, Iowa 52136. *Soil Conservation Service.*
- SAMPSON, GEORGE ROGER. B.S. 1960. R.R. 1, Glenn Carrie Road, Hull, Georgia, 30646. *Graduate Assistant (research).*
- SAPOUSEK, OLIVER FRANK A. B.S. 1950. 6711 Osborn Road, San Bernardino, California, 92404. *Forester, Lassen National Forest.*
- SASSE, ROBERT PAUL. B.S. Fall 1965. Box 493, Elkader, Iowa, 52043.
- SAUER, KENNETH WAYNE. B.S. 1938. 16950 Covello Street, Van Nuys, California 91406. *Administrator, Eastern Star Homes of Calif., Inc.*
- SAYERS, EARL HAROLD. B.S. 1949. 101 Broadleaf Drive, Rt. 1 Rolling Pine, Plymouth, N.C. 27962. *Supt. Cutup Plant, Rod-discraft, Inc.*
- SAYLOR, LEROY CHARLES. B.S. 1958. 3509 Merwin Road, Raleigh, North Carolina. *Assistant Dean, Schools of Natural Resources, North Carolina State College.*
- SCHADT, HAROLD OTTO. B.S. 1951. 420 N. Stadium Way, Tacoma, Washington 98403.
- SCHAFER, ARTHUR OPAL. B.S. 1932. 707 S. 13th St., Escanaba, Mich. 49829. *Assistant Supervisor.*
- SCHALLAU, CON H. B.S. 1954, Ph.D. 1961. 6831 N.E. Broadway, Portland, Oregon 97213. *Project Ldr., Production Econ. Research, Pacific N.W. Forest and Range Exp. Station, Portland, Oregon.*
- SCHIELHAAS, JAMES ALLEN. B.S. 1960. Silver Lake Ranger Station, Silver Lake, Oregon. *Forester, Fremont National Forest.*
- SCHIENBEIN, ALLEN GENE. B.S. 1952. 7904 Wellington Road, Alexandria, Virginia. *Trainee Program-Department of Agriculture, Agricultural Marketing Service, Wash., D.C.*
- SCHIERBAUM, DONALD LEE. B.S. 1938. Rural Route 2, Altamont, New York. *Game Research Investigator, New York State Conservation Department.*

SCHIPULL, WALTER L. B.S. 1927. 5009 - 25th Road North, Arlington 7, Virginia. *Retired.*

SCHISSEL, CHARLES JOSEPH. B.S. 1942, M.S. (Boston U.). Estes Street, Amesbury, Massachusetts.

SCHLACHTENHAUFEN, EDWARD C. B.S. 1961. 5716 S. Kenwood, Chicago, Illinois 60637. Finishing work on Doctor of Religion degree at Chicago Theological Seminary.

SCHLEMMER, NELSON. B.S. 1935. Route 3, Elmwood Platt, Troy, Ohio. *Research Engineer, Hobart Brothers Company.*

SCHLICK, WILLIAM T. B.S. 1950 Hammond Lane, Toppenish, Washington 98948. Superintendent, Yakima Indian Agency, Bureau of Indian Affairs.

SCHLOTTR, HAROLD J. B.S. 1950. 5200 Chantrey Rd., Edina, Minn. 55436. Mgr. Technical Services-Container Division, Hoerner Waldorf Corp.

SCHMEISER, MARVIN LEE. B.S. 1967. Pines Trailer Court, R. R. No. 1, Tomahawk, Wisconsin 54487. *Forest Management, Department of Natural Resources, Division of Conservation of Wisconsin.*

SCHMIDT, HOWARD N. B.S. 1949. P. O. Box 431, Dequeen, Arkansas, 71832. *General Logging Superintendent, Dierks Forest, Inc.*

SCHMIDT, RALPH ARTHUR. B.S. 1938. 196 Main Street, Wakefield, Massachusetts. *Regional Supervisor, Branch of River Basin Studies, U.S. Fish and Wildlife Serv.*

SCHMIDT, VERNER NIELS. B.S. 1954. 4 Crest Place, Longview, Washington, 98632. *Land Examiner, Weyerhaeuser Company.*

SCHABEL, LOUIS F. B.S. 1941. Olympic Peninsula, Rt. 1, Box 269, Port Angeles, Washington. *Retired Army Colonel.*

SCHNEIDER, JAMES FREDERIC. B.S. 1963. P.O. Box 657, Wellpinit, Washington.

SCHNEFF, GERALD FREDERICK. B.S. 1962. 1203 Park Drive, Rock Rapids, Iowa. *Graduate Student, Recreation, University of Minnesota.*

SCHOCK, JAMES HOMER. B.S. 1951. 1953 Wilbur Avenue, San Diego, California.

SCHOLTES, WAYNE HENRY. B.S. 1939, M.S. (Duke). Ph.D. (Agron.). 543 Forest Glen, Ames, Iowa. *Soil Specialist at Facultad d eAgronomia, Professor of Agron. (Soils), Iowa State University.*

SCHOLTOCK, JOSEPH DANIEL. B.S. 1938. 2501 Raymond Drive, Des Moines 10, Iowa. *Continental Forest Products Company.*

SCHOLZ, HAROLD FRANCIS. B.S. 1929, M.F. (Harvard). 117 Humphrey Circle N. Shawano, Wisconsin 54166. *Retired, U.S. Forest Service.*

SCHRADER, MAX KENNETH. B.S. 1949. 305 Keglers Street, Doniphan, Missouri.

SCHRAMM, DONALD L. B.S. 1957. 13470 W. Old Oak Lane, Milwaukee, Wisconsin, 53225. Branch Manager, Georgia Pacific.

SCHREUDER, HANS. Ph.D. 1966. School of Forestry, Kilgore Hall, North Carolina State Univ., Raleigh, North Carolina.

SCHROEDER, G.M. B.S. 1934. *Deceased.*

SCHROEDERE, VINCENT JOHN. B.S. 1940. 667 Cody Court, Lakewood, Colorado 80215. *Chief, Right-of-way section, Region Two U.S. Forest Service.*

SCHULTHEISS, MARK EUGENE. B.S. 1967. Plymouth, Michigan.

SCHULER, JAMES L. B.S. 1966. Northeastern For. Exp. Sta., 118 Old Federal Bldg., Columbus, Ohio. *Forester—G.S. 5, Division of For. Econ. Rec. & Wildlife, Habitat Research, Forest Survey.*

SCHULTZ, RICHARD C. B.S. 1965. 520 Crawford, Ames, Iowa 50010. *Graduate Student.*

SCHULER, JIM. B.S. 1966. 72 Spaulding Street, Old Town, Maine 04468. *Forester, Northeast Forest Experiment Station, Forest Survey.*

SCHULTHEISS, MARK. B.S. 1967. Plymouth, Michigan.

SCHULZE, NATHAN GODWELL. B.S. 1926. Address Uncertain.

SCHUMACHER, CHARLES MATHEW. B.S. 1939. 1439 Sunset Drive, Huron, S. Dakota 53750. *Range Conservationist, U.S.D.A. Soil Conservation Service.*

SCHUTT, WALTER WILLIAM Jr. B.S. 1952. 4571 Harlan Drive, Salem, Oregon. *Forester, Management Division, Oregon State Board of Forestry.*

SCHWANE, HENRY HERMAN (Col.). B.S. 1940. Route 2, Culdesac, Idaho.

SCHWARTZ, LORIN PAUL. B.S. 1962. 170 Bigham Drive, Central Point, Oregon 97501. *Forester, Bureau of Land Management.*

SCOTT, DAVID FREEMAN. B.S. 1953. 320 Hillaire Drive, Hopkinsville, Kentucky.

SCOTT, LeROY ALLAN. B.S. 1963. 1011 Cragmore Drive, Ft. Collins, Colorado 80521. *State District Forester, Colorado State Forest Service.*

SCOTT, SAMUEL JOSEPH, Jr. B.S. 1938. Box 307, Zwolle, Louisiana. *District Forester, International Paper Co.*

SECOR, ARTHUR JAMES. B.S. 1905 (Agr.), M.F. 1930. 113 - 1st Street, Keosauqua, Iowa. *Security Farm Management Service, Self Employed.*

SECOR, JAMES BURRILL. B.S. 1938. *Deceased.*

SEEMANN, LOUIS NICOLAI A. B.S. 1937. P.O. Box 444, Huttig, Arkansas. *Chief Surveyor, Olin Mathieson Chemical Company.*

SEISER, VIRGIL OWEN. B.S. 1946. 12240 N.E. Rose Parkway, Portland, Oregon.

SETZER, THEODORE SIEGEL. B.S. 1953. B.S. 1956 (Agron.). 2813 N. 1025 E., Ogden, Utah 84404. *Research Forester (Survey) Intermtn. For. & Range Exp. Sta. U.S.F.S.*

SHADLE, JAMES NORMAN. B.S. 1962. Box 113 Newport, Washington 99156. *Forester, U.S.F.S.*

SHATTUCK, RICHARD H. B.S. 1963. 312 Torino Drive, San Carlos, California, 94070. *Timber Structures, Schiller Park, Illinois.*

SHAW, ADALBERT FRANKLIN. B.S. 1953. 85 Chicken Street, Wilton, Connecticut, 08697. *Pilot, American Airlines.*

SHEARER, ROBERT WILLIAM. B.S. 1940. 38 Dawn Drive, Rome, New York. *Photogrammetrist, U.S. Geological Survey.*

SHEPARD, JOHN KENDAL. B.S. 1963. RR# 1 Gamble Road, Van Wert, Ohio. *Project Engineer for the Fibre Drum Division, Continental Can Company.*

SHEPARD, ROGER ARLIGH. B.S. 1961. c/o U.S. Forest Service, Spearfish, South Dakota. *Assistant District Ranger, Black Hills National Forest Limestone District.*

SHERBRING, MILTON JOHN. B.S. 1949. Box 192, Ogden, Iowa. *Northern Natural Gas Company.*

SHORT, WINSTON BROCK. B.S. 1953. 2742 B. Road, Grand Junction, Colorado, 81501. *Forester, U.S. Bureau of Land Management.*

SHULL, RONALD EUGENE. B.S. 1966. Denver 21, Colorado.

SIEREN, GARY W. B.S. 1965. Box 204, Blackduck, Minnesota 56630. *Resource Ass't. Blackduck R. D., Chippewa N. F., U.S.F.S.*

SIEVERDING, HAROLD P. B.S. 1959. 110 Browning Ave. So., Salem, Oregon 97302. *Forester (timber sales) U.S. Bureau of Land Management (Div. of Forestry).*

SIEVERDING, THOMAS VICTOR. B.S. 1962. *Forester, Bureau of Land Management, Redding, California.*

SIEX, DWAYNE REIGLE. B.S. 1963. P.O. Box 66, Brownsville, California, 95919. *District Timber Management Officer La-Porte District, Plumas National Forest, California.*

SILKER, THEODORE HENRY. B.S. 1940. 115 Hartman, Stillwater, Oklahoma. *Assistant Professor, Forestry Department, Oklahoma State University.*

SIMON, HAROLD FRED. B.S. 1950. 1401S. W. 1st Ave. Grand Rapids, Minnesota. *Division of Forestry State of Minnesota.*

SIMPSON, HAROLD W. B.S. 1958. Box 1494, Lima, Montana 59739. *Assistant Ranger, Custer National Forest.*

SIMS, JIMMIE RUSH. B.S. 1947. 615 N. 8th Street, Silsbee, Texas. *Kirby Lumber Company, Land & Timber Dept., P.O. Box 22085, Houston 27, Texas.*

SIVERLY, RALPH EUGENE. B.S. 1940. 614 Burrell Drive, Lewiston, Idaho. *Auditor-Sawmill Operations, Potlatch Forests, Incorporated.*

SKVARIL, WARREN JACOB, Lt. Col. B.S. 1944. GCD, Development Center, MCDEC, Quantico, Virginia 22134. *Lt. Col., Research & Development, U.S. Marine Corps.*

SLAUGHTER, B.S. 1950. *Horner Box Company, Keokuk, Iowa.*

SLOAN, LESLIE JAY, Jr. B.S. 1959. 135 Govt. Road John Day, Oregon 97845.

SMELSER, AMOS WARREN. B.S. 1937. 1006 N.E. 79th Street, Portland, Oregon. *Staff Forester, Mt. Hood National Forest.*

SMITH, CLYDE TREMAN. B.S. 1931. 303 Spring Street, Campbellsport, Wisconsin 53010. *Area Supervisor, State Park and Recreation Director, Wisconsin Conservation Department.*

SMITH, DAVID WILLIAM. B.S. 1960. 1450 Hawthorn Ct., I.S.U., Ames, Iowa 50012. *Iowa Extension Forester & I.S.U. Grad Student.*

SMITH, JACK ROBERT. B.S. 1951. 1405 14th, Hood River, Oregon.

SMITH, JEROME BURTON. B.S. 1953. 4425 Memory Lane, Tacoma 66, Washington. *Investment Manager; Ski and Fishing Resorts, real estate development, and stock market.*

SMITH, MAYNARD J. B.S. 1930. Okobojo, Iowa. *Manager of Smith's Cottages, Owner, Smith Mobile Homes & Trailer Sales Rental.*

SMITH, ROBERT A. B.S. 1950. Space 6, Manor Loop, Roseburg, Ore., 97470.

SMITH, ROLAND D. B.S. 1957. 513 Barnes Avenue, Medford, Oregon. *Forester, Bureau of Land Management.*

SMITH, ROBERT R. B.S. 1967. P.O. Box 1, Coos Bay, Oregon 97420. *Forester, Coos Bay District, BLM.*

SMITH, RUSH C. B.S. 1915. 6649 Octioho Road, Scottsdale, Arizona.

SMITH, WALTER ARTHUR, Jr. B.S. 1951. 11 Clearview Rd., E. Brunswick, N.J. *Supervisor, Delco Battery Corp.*

SMITH, WALTER PERRY. B.S. 1938. Route 1, Box 123A, Williamsburg, Virginia. *Williamsburg Memorial Park, P.O. Box DC, Williamsburg, Virginia.*

SMOKE, JOE ELLSWORTH. B.S. 1939. 750 Gomez Drive, Apt. 1-B, San Francisco, California 94132. *Chief, Right of Way Division, Federal Highway Administration.*

SNOWDEN, WENDELL C. 633 E. Lincoln, Tomahawk, Wisconsin 54487. *Industrial forester, Owens, Illinois.*

SODERBERG, GORDON. B.S. 1930. 1140 North I Street, Fremont, Nebraska. *Manager, Gifford Lumber Company.*

SODERLING, DONALD ERIC. B.S. 1950. R.R. 1, Box 80, Emmett, Idaho, 83617. *Buyer, Industrial Wood Parts Dept., Weyerhaeuser Company.*

SOMBERG, SEYMOUR IRA. B.S. 1941. Projecto Forestal, UNSF No. 116, Apartado 1407, Lima, Peru.

SOMMERFELD, PHILLIP HAROLD, Jr. B.S. 1960. 2701 N. 27th Street, Apt. 20, Lincoln, Nebr. 68501. *U.S. Plywood Salesman.*

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SONNER, ORVILLE R. B.S. 1928. Percival, Iowa. *Farming*.  
 SORESEN, WAYNE MARIUS. B.S. 1951. Umpire Route, Dierks, Arkansas. *Assistant District Forester, Dierks Forests, Incorporated*.  
 SPAIN, CHARLES FRANCIS. B.S. 1952. Norwalk, Iowa. *Science Teacher, Callahan Jr. High, Des Moines, Iowa*.  
 SPEER, WILLIAM LAWRENCE. B.S. 1963. 48 Gilchrist, Bend, Ore. *General Mgr., Mt. Bachelor Inc., Bend, Oregon*.  
 SPENCER, GERRE LEE. B.S. 1960. 1420 Burrell Ave., Lewiston, Idaho 83501. *Des Moines District Sales Manager, Unit Structures, Inc.*  
 SPENCER, ELBERT WESLEY. B.S. 1962. 641 North Fourth, Montrose, Colorado. *Range Conservationist, Bureau of Land Management, Montrose, Colorado*.  
 SPINNER, WILLIAM FRANCIS. B.S. 1963. Box 176, Lansing, Iowa.  
 SPOLAR, THOMAS JAY. B.S. 1959. Box 133, McKenzie Bridge, Oregon. *Timber Sales Administration, Willamette National Forest*.  
 STAMY, ROGER SNIVERLY. B.S. 1950. Mt. Adams Ranger Station, Trout Lake, Washington. *District Ranger, Gifford Pinchot National Forest*.  
 STARK, ROBERT KEITH. B.S. 1959. 1913 Lechner Road, Vancouver, Washington 98665. *Forester (Rights-of-way-acquisition), Alias Road-agent, Gifford Pinchot National Forest*.  
 STARR, JOHN PHILLIP. B.S. 1938. 1325, 21st., Longview, Washington. *Salesman, Treated Products, Long-Bell*.  
 STATE, THOMAS EARL. B.S. 1962. 102 South 13th St. No. 2, Coos Bay, Oregon 97420. *Forester, Bureau of Land Management*.  
 STEAVENSEN, HUGH ALFRED. B.S. 1933. Elsberry, Missouri. *Owner & President, Forest Keeling Nursery*.  
 STEENSEN, DONALD H. J. B.S. 1958. 912 Merwin Road, Raleigh, North Carolina 27606. *Assistant Professor of Forest Resources, North Carolina State University*.  
 STEFFEN, EDWIN HERMAN. B.S. 1913, M. F. 1922. *Deceased*.  
 STEIG, GEORGE GOTTLIEB. B.S. 1942. 3611 Pacific Way, Longview, Washington. *Weyerhaeuser Company*.  
 STEPANET, DEAN EUGENE. B.S. 1962. Box 143. Battle Mountain, Nevada 89820. *Area Manager U.S. Bureau of Land Management*.  
 STERETT, JOHN C. B.S. 1914. *Deceased*.  
 STEVENS, ROBERT EUGENE. B.S. 1951. 455 E. Dexter St., Covina, California 91722. *Cartographer, American Aerial Survey Inc.*  
 STEWART, ROBERT EARL. B.S. 1957. 410 Governor Drive, Allison Park, Pennsylvania, 15101. *Manager—Sales Service—Eastern Region Unit, Structures Dept., Forest Products Division; Kopper's Company, Pittsburgh, Pennsylvania*.  
 STIEHL, JAMES HOWARD. B.S. 1939. 613 Taylor Road, Barrington, Illinois. *Manager, Ponderosa Pine Sales, Edward Hines Lumber Company*.  
 STITT, JOHN B. B.S. 1969. 2051 Cabana Circle So. #3, Memphis, Tenn. 38107. *Assistant Development Specialist, Buckman Laboratories*.  
 STOECKLER, JOSEPH HENRY. B.S. 1930, M.S. 1931, Ph.D. (Minn.). *Deceased*.  
 STOKES, JOHN MORRIS. B.S. 1950. 8809 Madison, Des Moines 22, Iowa. *State Forester, Iowa Conservation Comm. East 7th & Court, Des Moines*.  
 STONE, FREDERICK MURRAY. B.S. 1937. 1024 Redwood Drive, Green Bay, Wisconsin. *Work Unit Conservationist, Soil Conservation Service*.  
 STONE, WENDELL EVERETT. B.S. 1933. 1631 Lake Park Drive, Laurel, Mississippi. *Self employed, Pulpwood Dealer*.  
 STOPPEL, DUANE ERWIN. B.S. 1951. 420 North 12th Street, Adel, Iowa. *District Forester, Iowa Conservation Commission*.  
 STOUGHTON, MARGARET C. (Mrs. C. A. Abell). B.S. 1930. 1369 Tomlee Drive, Berkeley 2, California. *Housewife*.  
 STRADT, GILBERT HERMANN. B.S. 1934. Rt. 1, Box 270, Lufkin, Texas 75901. *Retired July 1, 1967 after 35 years with USFS, graduate student, SFA State University (retired USFS, 6-30-67)*.  
 STROM, WILLARD EDWARD. B.S. 1941. Address Uncertain. *Alemite Division, Stewart Warner Corporation*.  
 STRONG, DONALD LYLE. B.S. 1949. 3285 11th Street, Baker, Oregon. *District Ranger, Baker Ranger District, Wallawa, Whitman National Forest*.  
 STREEBY, LARRY L. B.S. 1963 2325 N.E. Belvue, Corvallis, Oregon. *Assistant Professor, School of Forestry, Oregon State University*.  
 STROTMAN, BRUCE DEAN. B.S. 1954. 624 5th Street, N.W., Waverly, Iowa.  
 STUELKE, DAVID O'BRIEN. B.S. 1959. West Branch, Iowa. *Partner in construction firm*.  
 STUMP, WILLIAM G. B.S. 1937. 1957 Autumn, St. Paul Minnesota 55113. *Field Specialist, U.S. Forest Service*.  
 SUDER, ROBERT GEORGE. B.S. 1934. 2988 Carrilee Drive, San Bernardino, California. *Chief Clerk, U.S. Forest Service, San Bernardino National Forest*.  
 SULLIVAN, JOSEPH P. B.S. 1964. R.R. 1, Box 151, Conroe, Texas, 77301.  
 SULLIVAN, WALTER F. B.S. (Penn State), M.S. 1928. 1200 14th Avenue, San Francisco 22, California.  
 SUTTON, ROGER FRANK. B.S. 1953, M.F. (Yale). 416 8th Court, St. Charles, Illinois 60174. *Wood Technologist, Masonite Corporation*.  
 SVECAR, JOHN FRANK. B.S. 1942. 375 Delrich Road, Eugene, Oregon. *Sales Manager, Natron Plywood Company, Springfield, Oregon*.  
 SUKATJO, WIRATMOKO. M.S. 1964. Dj Burongrang 14, Bogor, Indonesia.  
 SVENDBY, CLARENCE C. B.S. 1926. 327 Boone Lane, Fairhope, Ala. 36532. *Silviculturalist, International Cooperation Administration (Point IV), Bogota, Columbia*.  
 SVENSEN, WILLIAM THORGEN. B.S. 1956. Route 5 Brady Rd. Des Moines, Iowa.  
 SVIEN, THOMAS ANDREW. B.S. 1949, M.S. (Bot.). Des Moines 22, Iowa. *Manager, Field Seed Department, Mortgage Finance Company*.  
 SWANSON, CARL GUSTAV. B.S. 1942. 2379 Austin Avenue, Eureka, California. *Assistant Forester, Simpson Redwood Company*.

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SWANSON, CHARLES M. B.S. 1932. 2500 Montgomery Dr., Santa Rosa, Calif. 95405. *Self Employed*.  
 SWANSON, CLIFFORD OSCAR. B.S. 1938. 715 Woodland Avenue, Springfield, Illinois. *Accident Research Analyst, Illinois Division of Highways*.  
 SWANSON, HAROLD VINCENT. B.S. 1941. 1425 Richland Drive, Abilene, Texas, 79603.  
 SWANSON, WILLIAM S. B.S. 1959. 628 San Mateo Ave., Gerber, California 96035. *District Ranger, Mineral District, Lassen National Forest, U.S. Forest Service*.  
 SWEENEY, LARRY KELB. B.S. 1965. 539 Circle Drive, Monroe, Washington, 98272. *Management Forester, State of Washington, Dept. of Natural Resources*.  
 SWEITZER, GORDON A. B.S. 1955. 146 El Camino De Las Cruces, Santa Fe, New Mexico.  
 SWEM, THEODORE ROBERT. B.S. 1940. 4127 Watkins Trail, Annandale, Virginia. *Asst. Director, Coop Activities N.P.S. Planning, National Park Service*.  
 SYNDERGAARD, LARRY. B.S. (Sci. ISU), B.S. 1959. 610 S. Ingersoll, Madison, Wisconsin 53703.  
 SZYMECZEK, FRANK O. B.S. 1953. c/o Harold Buret, 445 E. Creighton, Fort Wayne, Indiana. *Service Engineer, Rilco Laminated Products, Inc.*  
 TALLEY, JAMES RATHELL. B.S. 1949. Box 1940, Little Rock, Arkansas. *Fire Chief, Arkansas Forestry Commission*.  
 TAYLOR, LARRY CALVIN. B.S. 1966. 309 Lynn, Ames, Iowa.  
 TAYLOR, PAUL KENNETH. B.S. 1950. Address Unknown.  
 TEETERS, JAMES LEE. B.S. 1959. *Deceased*.  
 TENNIS, BLAIN CLAUDE. B.S. 1951. Ennis, Montant. *District Ranger, Beaverhead National Forest*.  
 TER LOUW, JOE WILLIAM. B.S. 1955. Box 489, Mill City, Ore. 97360. *Timber & Watershed Management Assistant on Ranger District, Willamette National Forest*.  
 TERRY, DAN LEWIS. B.S. 1965. P.O. Box 277, Westfir, Oregon 97492. *Management Trainee, Edward Hines Lumber Company, Westfir, Oregon*.  
 TEUBER, ROSS L. B.S. 1948. U.S.F.S. Training Center, Continental Divide, N.M. Box 6. *Instructor General GS-11*.  
 THARP, ORLO E. B.S. 1926. Bellefontaine, Ohio. *Farming*.  
 THAYER, MARSHALL. B.S. 1936. Rt. 7, Box 659, Olympia Washington. *Biologist, U.S. Fish and Wildlife Service*.  
 THEOPHILUS, DAVID CLAIRE. B.S. 1938. 2020 Erie Street, Bel-lingham, Washington 98225.  
 THIELKING, KARL F. B.S. 1931. Rt. 4, Box 27, Edgewater, Maryland 21037. *Publications editor, Soil Conservation Service*.  
 THOMAS, GAIL M. B.S. 1935, M.S. (Oregon St.). 738 East Emerson, Bend, Oregon. *District Forest Engineer, Western Pine Association*.  
 THOMAS, LEONARD HAROLD. B.S. 1947. Meadowlane Dr., De Ridder, Louisiana 70634. *Consulting Forester*.  
 THOMPSON, DEAN WILLIM. B.S. 1940. Edward Hines Lumber Company, 77 West Washington Street, Chicago 2, Illinois. *Buyer, Retail Department*.



- THOMSEN, KENNETH DALE. B.S. 1959. Box 991, Libby, Montana, Forester (Blister Rust Control Div.) Coeur d'Alene National Forest.
- THOMSON, DONALD EDWARD. B.S. 1941. 619 Gray, Guymon, Oklahoma, 73942. Lt. Col. U.S. Army Instr. Unit (ROTC), Panhandle A & M College, Goodwell, Oklahoma, 73939.
- THOMSON, GEORGE W. B.S. 1943, M.S. 1947, Ph.D. 1956. 3334 Morningside, Ames, Iowa. Professor, Department of Forestry, Iowa State University.
- THURMON, JOHN REESE, Lt. B.S. 1964. 1801 E. Speedway, Apt. 201, Palm Shadown Apt., Tucson, Arizona, 85719.
- TICE, CHARLES CHESTER. B.S. 1939. 1351 Belmoral Ave. Apt. 2 W. Westchester, Ill. Civil Engineer, Program and Requirements Branch, Air Force.
- TICKNOR, KEITH ALLEN. B.S. 1963. 3016 78th St., Urbandale, Iowa. District Mgr., Wright Tree Service, Des Moines, Iowa.
- TIMKO, PAUL ANDREW, JR. B.S. 1949. 776 Circle Drive, Gainesville, Georgia, 30501. District Ranger, Ouachita National Forest.
- TOBIASKI, ROBERT ANTHONY. B.S. 1952. 8 Bel Air Ave., Winchester, Ky. Division of Resources Management, U.S. Forest Service (Regional Office).
- TOMASCHESKI, JOSEPH D. B.S. 1951. 410 Emerson, Sparks, Nevada 89431. Chief Forester, Feather River Lumber Co.
- TOMPKINS, GEORGE LEON. B.S. 1958. Troy, Montana '935. West Fork Ranger Station, Forester, Bitterroot National Forest.
- TORGERSON, GEORGE HENRY. B.S. 1942. Highway No. 67, Gurdon, Arkansas. Forester, Gurdon Lumber Company.
- TORRENCE, JAMES FINLEY. B.S. 1955. Chemult Ranger District, P.O. Box 45, Chemult, Oregon. Chemult Ranger District, District Ranger, Winema National Forest, U.S.F.S.
- TORRENS, JOHN R. B.S. 1963. 23 Tyler St., Novato, Calif. 94947. Planning Representative, Pacific Gas and Electric Co.
- TOW, EDWIN EMMET. B.S. 1937. 515 E. Barksdale Dr., Mobile, Alabama 36606. Manager, Standards Department, Farley and Loetscher Manufacturing Co.
- TOWNE, CHARLES RAYMON. B.S. 1925. Box 657 Rockport, Texas Winters. Jamacia, Iowa. Summers. Retired.
- TREEMAN, RALPH WILLIAM. B.S. 1942. 414 S. Oklahoma Street, Sapulpa, Oklahoma.
- TRENK, FRED BENJAMIN. B.S. 1923, M.S. (Bot.). Box 98, Arena, Wisconsin 53503. Retired (State Extension Forester), University of Wisconsin—Consulting.
- TRIBBETT, VANCE AUGUST. B.S. 1936. Route 4, Box 209 B, Salem, Oregon. U.S. Bureau of Land Management.
- TROCHUCK, RONALD EDWARD. B.S. 1961. 2307 Bell, Amarillo, Texas. Transitman, Santa Fe Railroad.
- TROXEL, WILLIAM C. B.S. 1958. 2900 Francis Drive, Des Moines, Iowa, 50310. Forester, Coconino National Forest.
- TRUAX, THOMAS ROY. B.S. 1912, M.F. 1919, D.Agr. 1954. 3813 Council Crest, Madison, Wisconsin. Retired.
- TRUE, MARION GALEN, Jr. B.S. 1953, M.F. (N.C.St.), c/o U.S. Forest Service, Tell City, Indiana.
- TURINSKI, CHESTER ALOIS. B.S. 1949. 1016 West Carroll, Portage, Wisconsin, Self Employed, Owner, New Wood Company.
- TURNER, GEORGE ALMA. B.S. 1927, M.S. 1928. Route 1, Box 3, Lamoni, Iowa 50140. Retired.
- TWIST, ROBERT CARTER. B.S. 1950. Hamer, Idaho. Manager, Game Refuge, U.S. Fish and Wildlife Service.
- TWITO, ROGER HANS. B.S. (C.E.), B.S. 1953. Box 202, Orofino, Idaho 83544. Engineer, Consulting Firm.
- TYRREL, ROBERT R. B.S. 1959. RFD #3, Laconia, New Hampshire. Forest Supervisor, White Mountain National Forest, U.S. Forest Service.
- UHLIG, HANS G. B.S. 1945. 3 Dudie Drive, Newton Square, Pennsylvania, 19073. State Biologist, Soil Conservation Service.
- UHR, SELMER C. B.S. 1957. 2019 Brentwood Dr., Palatka, Florida 32077. Manager, Forest Lands Dept., Hudson Pulp and Paper Corp.
- UNDERBAKKE, MAYNARD WARD. B.S. 1942. Preston, Minnesota. Consulting Forester.
- UNSER, GEORGE M. B.S. 1931. Rapid City, South Dakota. Northwest Engineering Company.
- URBATSCH, HARTLEY RICHARD. B.S. 1940. 119 S. Clark, Forest City, Iowa 50436. Owner, Forest City Hardware.
- VAN BOSKIRK, S.S. B.S. 1914. Deceased.
- VANDEROEVER, EDWARD HENRY. B.S. 1935. 153 - 154th Pl. N.E., Bellevue, Wash. 98004.
- VANEK, DAVID V. B.S. 1959. 30 Norwood Circle, Iowa City, Iowa 52240. Student, University of Iowa.
- VANDERSHULE, THOMAS DALE. B.S. 1950. 410 Grove Avenue, Tillamook, Oregon. Forester, Buehner Lumber Company.
- VAN DEUSEN, JAMES LOWELL. B.S. 1955, M.S. 1957. 2022 Donbanton, Rapid City, South Dakota. Assoc. Silviculturist, Rock Mountain Forest and Range Experiment Station.
- VAN DOREN, ROBERT MARSTON. B.S. 1948. 901 West 2nd Street, North Platte, Nebraska. Assistant City Engineer.
- VAN GILST, GERALD WARNER. B.S. 1947. 6369 Beryl Road, Apt. 204, Alexandria, Virginia, 22313. Forest Sup. Tongass National Forest.
- VAN GORDER, CHARLES HASTINGS. B.S. 1942. 15741 South Trumbull, Markham, Illinois. Asst. Buyer Forest Products & Manager Treating Plant, Chicago, Rock Island and Pacific R.R. Co., LaSalle Street Station, Chicago 5, Illinois.
- VAN WYNGARDEN, RAY H. B.S. 1967. Norwalk, Iowa, 1027 Elm Avenue.
- VAN ZANDBERGEN, ROBERT. B.S. 1959. National Container Division, Owens-Illinois, 624 E. Park Ave., Tomahawk, Wisconsin 54487. Forester, Owens-Illinois.
- VEACH, CLAUDE H. B.S. 1917, M.S. 1918. 10521 Waller Road, Tacoma 44, Washington.
- VERMILLION, DENNIS LYNN. B.S. 1962. Trout Creek Ranger Sta., Trout Creek, Mont. Forester—U.S. Forest Service, Coeur d'Alene National Forest, Coeur d'Alene, Idaho.
- VINTON, E. L. B.S. 1927. P.O. Box 67, Green Lake, Wisconsin. District Forester.
- VOLKMAN, DALE ARNOLD. B.S. 1961. M.F. 1963. 1063 Gallen Ct., Mobile, Alabama. Project Engineer, Erling Riis Laboratory.
- VON GILLERN, ROBERT FREDERICK. B.S. 1938. 1421 Locust Street, Des Moines, Iowa. Manager, Canada Dry Bottling Co.
- VOSS, RONALD L. B.S. 1962. Quincy, California. Forester, Feather River Lumber Company, DiGiorgio Corporation.
- WADE, ROBERT VICTOR. B.S. 1948. Box X, Calais, Maine 04619. Refuge Manager, Moosehorn Natl. Wildlife Refuge, U.S. Bureau of Sport Fisheries and Wildlife.
- WAHL, JAMES DALE. B.S. 1951. 1053 Berkley, Tacoma, Washington, 98466. District Forester, Weyerhaeuser Co.
- WAHLGREN, HAROLD EMIL. B.S. 1951, M.S. 1956. 5805 Raymond Road, Madison, Wisconsin. Research Technologist, U.S. Forest Products Laboratory.
- WAKEFIELD, JOHN PERSHING. B.S. 1942. 3416 E. 12th Street, Des Moines, Iowa.
- WALK, FREDERICK OTHA. B.S. 1961. U.S. Forest Service, Cougar Washington 98616. Forester, U.S. Forest Service, Trout Lake, Washington.
- WALL, LLOYD ARTHUR. B.S. 1920, M.S. 1923. 2605 Juniper, Silver City, New Mexico 88061. Retired.
- WALLACE, ARTHUR LEE (Capt.). B.S. 1941. Box 549, Salem, South Dakota. Dentist.
- WALLACE, RICHARD PHILLIP. B.S. 1942. Route 1, Box 116, Washburn, Wisconsin. Forester, U.S. Bureau of Indian Affairs.
- WALLING, RAYMOND CHESTER. B.S. 1926. Deceased.
- WALTERS, WARREN WEIR, Jr. B.S. 1948. 10125 W. 19th, Lakewood 15, Colorado.
- WAMBOLD, LOLYD D. B.S. 1930. Lakeview, Oregon. Chief Forester, Fremont Lumber Co.
- WARD, HUBERT BENNETT. B.S. 1950. c/o U.S.F.S., St. Regis, Montana. St. Joe National Forest.
- WARNER, WILLIAM RICHARD. B.S. 1957. 1068 Bayberry Road, Lake Oswego, Oregon 97034. Owner—Sturdi-Built Mfg. Company, Portland, Oregon.
- WARREN, CHARLES WERNER. B.S. 1950. 5632 Corby Street, Omaha, Nebraska. Director, Pjarks Recreation and Public Property Department, City of Omaha.
- WARRICK, CARL D. B.S. 1961. P.O. Box 526, Reserve, New Mexico 87830. District Ranger, Reserve Ranger District, Gila National Forest, U.S. Forest Service.
- WATERS, JOHN WINFRED. B.S. 1951. 2302 Layton Pl., Tucson, Arizona. District Ranger, Sant Catalina District, Coronado National Forest.
- WATKINS, EUGENE W. B.S. 1923. 4332 Southwest Lobelia Street, Portland 1, Oregon. Bureau of Construction, Public Works Department, City of Portland.
- WATTS, ROGER HODKINSON. B.S. 1955. Route 49, Yokum Hgts. Pittsfield, Mass. Treating Supervisor, Wood Preserving Division, Koppers Co., Inc.
- WEBB, GARY ALLEN. B.S. 1963. Box 895, Burns, Oregon 97720. Range Conservationist, Bureau of Land Management.
- WEBBER, DAVID HAROLD. B.S. 1949. Route 1, Box 99, Tabor City, North Carolina 28463. Assistant Forester, North Carolina Pulp Company.
- WEBER, JOHN LESLIE. B.S. 1939. 9326 So. 55th Avenue, Oaklawn, Illinois. Manager, Bison Millwork and Supply, Inc.
- WELCH, GARY ARTHUR. B.S. 1957. 4921 Greenway Dr., Little Rock, Ark. Treating Engineer, Wood Preserving Div., Koppers Company, Inc.
- WENDEL, GEORGE WILLIAM. B.S. 1951. Box 205, Parsons, West Virginia. Southern Forest Fire Laboratory, Southern Forest Experiment Station.
- WERNER, HUGO BIRKHAHN. B.S. 1937. 25960 Yale Street, Hemet, California. Owner and Partner, D.B. and G. Machine Co.
- WEST, DALE WILSON. B.S. 1947. 709 North 5th, Mankato, Minnesota. Plant Breeder-Cargill, Incorporated.
- WEST, JACK RAYMOND. B.S. 1940. 3058 Cafeto Drive, Walnut Creek, California, 94598. Manager Northwest Region, Ansol Chemical Company, Seattle.
- WEST, JACK WILLIAM. B.S. 1926. 768 - 28th Street, Ogden, Utah. Personnel Management, Forest Service Building, Ogden, Utah.
- WESTPHAL, WARREN BISHOP. B.S. 1952. 2505 Buena Vista Drive, Brookfield, Wisconsin, 53005. Teacher, Milwaukee Public Schools.
- WHEAT, JOSEPH BILLIT. B.S. 1949, M.S. (Agron.). Route 3, Box 440, Olympia, Washington. c/o Col. W. B. Greeley Forest Nursery, Nisqually, Washington (Box 192).
- WHERRY, KEITH DEWAYNE. B.S. 1962.
- WHITE, RALPH WILLIAM. B.S. 1942. 2831 Lawton, San Francisco 94122. Forester, Div. of Lands, R.O. Reg. 5.
- WHITE, RONALD ALFRED. B.S. 1948. 1616 Lake Shore, Escanaba, Michigan. District Ranger, Shawnee National Forest.
- WHITHAM, JAMES CAMPBELL. B.S. 1911. Deceased.
- WHITMORE, RALPH EDWARD. B.S. 1961. Box 59, Ouiuault, Wash. 98575. Resource Asst., Olympic National Forest, U.S. Forest Service.
- WIANT, REX HARLAN. B.S. 1952. 1909 Roosevelt, Ames, Iowa. Safety and Traffic Department, Iowa State Highway Commission.
- WICKS, WALLACE WAYNE. B.S. 1949. Box 175, 210 9th Street, Maysville, North Carolina. Chief Forester, Halifax Paper Company, Inc.
- WICKS, WALTER. B.S. 1928. P.O. Box K 25, Pitkin, Col. 81241.
- WIDMARK, CHARLES RUSSELL. B.S. 1950. 1625 South 6th, Brainard, Minnesota. Forester, Parks Region Timber Co.
- WIEHN, LEONARD JOHN. B.S. 1936. 402 Anawanda Avenue, Pittsburgh 34, Pennsylvania. Production Planning Department, U.S. Steel Co.
- WIER, ROBERT ALAN. B.S. 1951. Coronado National Forest, P.O. Box 551, Tucson, Arizona. Recreation Planner, U.S. Forest Service.
- WIESE, BENJAMIN C. B.S. 1967. R.R. 1, Hartley, Iowa.
- WIGGINS, ARTHUR VERNE. B.S. 1927. 305 Larson Street, Story City, Iowa. Retired.
- WILES, MITCHELL GREGG. B.S. 2007 Carmel Ave. Eugene, Oregon 97401.
- WILEY, GERALD J. B.S. 1950. Deceased.



- WILEY, HAROLD ERWIN. B.S. 1935. Center Point, Iowa. *Farming*. Brook, Illinois. *President, R.S. Bacon Veneer Company*.
- WILHELM, GEORGE FROST. B.S. 1937. 38 Sheffield Lane, Oakbrook, Illinois. *President—R.S. Bacon Veneer Company*.
- WILHITE, LAWRENCE PAUL. B.S. 1955. 614 S. Hernando, Lake City, Florida. *Forester, Southeastern Forest Experiment Station*.
- WILKE, ROGER ALAN. B.S. 1959. Andover, Iowa.
- WILLASSON, DONALD EUGENE. B.S. 1949. 707 Home Park Boulevard, Waterloo, Iowa. *Foster Coal & Feed Company*.
- WILLIAMS, HENRY STEIN. B.S. 1958. 1304 Adams Ave., Toppenish, Washington. *Forester, Charge of Management Section, Bureau Indian Affairs, Yakima Indian Agency*.
- WILLIAMS, JAMES GRANT. B.S. 1951. 3018 E. Avenue N.E., Cedar Rapids, Iowa. *Foreman, Hargrave Construction Co.*
- WILLSON, GEORGE LYEL. B.S. 1948. P.O. Box 1005, Slidell, Louisiana. *Cement Salesman, Oklahoma Cement, Louisiana Drive, New Orleans*.
- WILSON, CARROLL CLAIRE. B.S. 1940. Rt. 2, Box 29, Lebanon, Oregon 97355. *Hot Press Operator for Griggs Division of Willamete Industries, Inc.*
- WILSON, JOHN OTIS. B.S. 1952. 13560 S.E. Sherman Drive, Portland, Oregon 97233. *Fire Staff Officer, U.S. Forest Service*.
- WILSON, JOHN RAYMOND. B.S. 1938. 215 E. Madison Ave., Wheaton, Illinois 60187. *Owner, Wilson Industrial Lumber Co.*
- WILSON, RAYMOND EARL. B.S. 1964. Joseph, Oregon, 97846. *c/o U.S. Forest Service, Pine Ranger Station, Halfway, Oregon*.
- WINTER, ERNEST HICKLIN. B.S. 1950. 254 Citrus Road, New Orleans, Louisiana.
- WISCH, JOHN CARL. B.S. 1959. Star Route, Granite Falls, Washington, 98252. *Project Forester, U.S. Forest Service, Mt. Baker National Forest*.
- WISE, JAY FRANK. B.S. 1950. 1006 Brookmont Avenue E., P.O. Box 2268, West Palm Beach, Florida. *Mill Division, Owen-Illinois Southern Woodland, Jacksonville, Florida*.
- WITHERSPOON, JOHN CRAWFORD. B.S. 1940. 7505 Democracy Blvd., Bethesda, Md. 20034. *Director, Natural Resources, American Forest Institute*.
- WITMER, CARROLL ROBERT. B.S. 1940. Shimek State Forest, Farmington, Iowa. *Area Forester, Iowa State Conservation Commission*.
- WITTRUP, BRUCE ARDEN. B.S. 1962. 29 N. Dryden, Apt. 1H, Arlington Heights, Ill. 60004. *Graduate Student, Forest Products*.
- WOHLENBERG, BARLOW HUGH. B.S. 1957. Deceased.
- WOJAHN, KENNETH ERNEST. B.S. 1949. Griffith State Nursery, Wisconsin Rapids, Wisconsin. *Superintendent of the Griffith State Nursery, Wisconsin Rapids, Wisconsin*.
- WOLF, ERNEST T. B.S. 1914.
- WOLVEN, RAY M. B.S. 1914. 1022 West 19th Street, Santa Ana, California. *Retired*.
- WOOD, THOMAS RICHARD. B.S. 1943. 4202 Lawnwood, Des Moines 10, Iowa. *Allied Finance Company*.
- WOOD, WARREN WILLIAM. B.S. 1937. 170 Burnett, Sebastopol, California. *Soil Conservation Service*.
- WOOD, WILLIAM CHARLES. B.S. 1952. 1990 Carlin Street, Reno, Nevada. *Nevada State, Division of Forestry*.
- WORSTER, JOHN RALPH. B.S. 1948. 3826 6th Avenue, Sioux City 6, Iowa. *Supervisory Soil Scientist*.
- WRAY, PAUL H. B.S. 1968. RFD 8, Bloomfield, Iowa 52537. *U.S. Army, serving in Viet Nam*.
- WRIGHT, JOHN ANDREW. B.S. 1959. P.O. Box 27, Butte Falls, Oregon 97522. *Salvage Sales Administration, Umpqua National Forest*.
- WULFF, WILBUR ADOLPH. B.S. 1938. 4155 Hundred Oaks Avenue, Baton Rouge, Louisiana 70808. *District Sales Manager, Curtis Companies, Inc.*
- YARGUS, WAYNE ORA. B.S. 1957. Star Route, Box 12, Hill City, South Dakota 57745. *Forester, U.S. Bureau of Indian Affairs*.
- YEAGER, WALTER ROY. 107 Dodgwood Drive, Waynesville, North Carolina 2876.
- YOCOM, THEODORE RALPH. B.S. 1941. 714 West Washington Street, Urbana, Illinois. *Raw Materials Manager, Pope & Talbot, Inc.*
- YODER, RALPH ERNEST, Jr. B.S. 1938. Box 251, Tempe, Arizona 85281.
- YOUNKEY, CHARLES E. B.S. 1968. 1307 Plummer #14, Jacksonville, Arkansas 72076. *C-130 Copilot—1st Lt., U.S.A.F.*
- YOUNG, DAVID. B.S. 1965. Star Route, Box 124, Bridgeville, Calif. 95526. *Timber Sale Officer, Mad River District, Six Rivers National Forest, U.S. Forest Service*.
- YOUNG, EDWARD JOSEPH, Jr. B.S. 1950. 1341 Andrew Drive, Glendale 22, Missouri. *Partner, Cosmo Brokerage Company*.
- YOUNKIN, MAX C. B.S. 1961. Orleans Ranger Station, Orleans, California 95556. *TMO, U.S.F.S.*
- ZAIDLICZ, EDWIN. B.S. 1949. 10303 Ford Road, Fairfax, Virginia. *U.S. Bureau of Land Management, Washington, D.C.*
- ZIERBARTH, ROBERT KURT. B.S. 1931. M.S. (Penn St.), M.F. (Harvard). Seven No. Pueblo Road, Taos, New Mexico. *Soil Conservationist, Bureau of Indian Affairs*.
- ZIMMER, MARTIN. B.S. 1961. 3065 N.E. Porter, Roseburg, Oregon. *Contract Administrator, Bureau of Land Management*.
- ZIMMERMAN, ELIOTT W. B.S. 1931. 2372 Jasper Ave. Fort Myers, Florida 33901. *Consultant, Self Employed, Retired from U.S. Forest Service Nov. 1, 1969*.



Rachel's cold lunch meat!!!

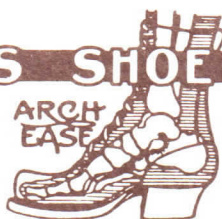


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